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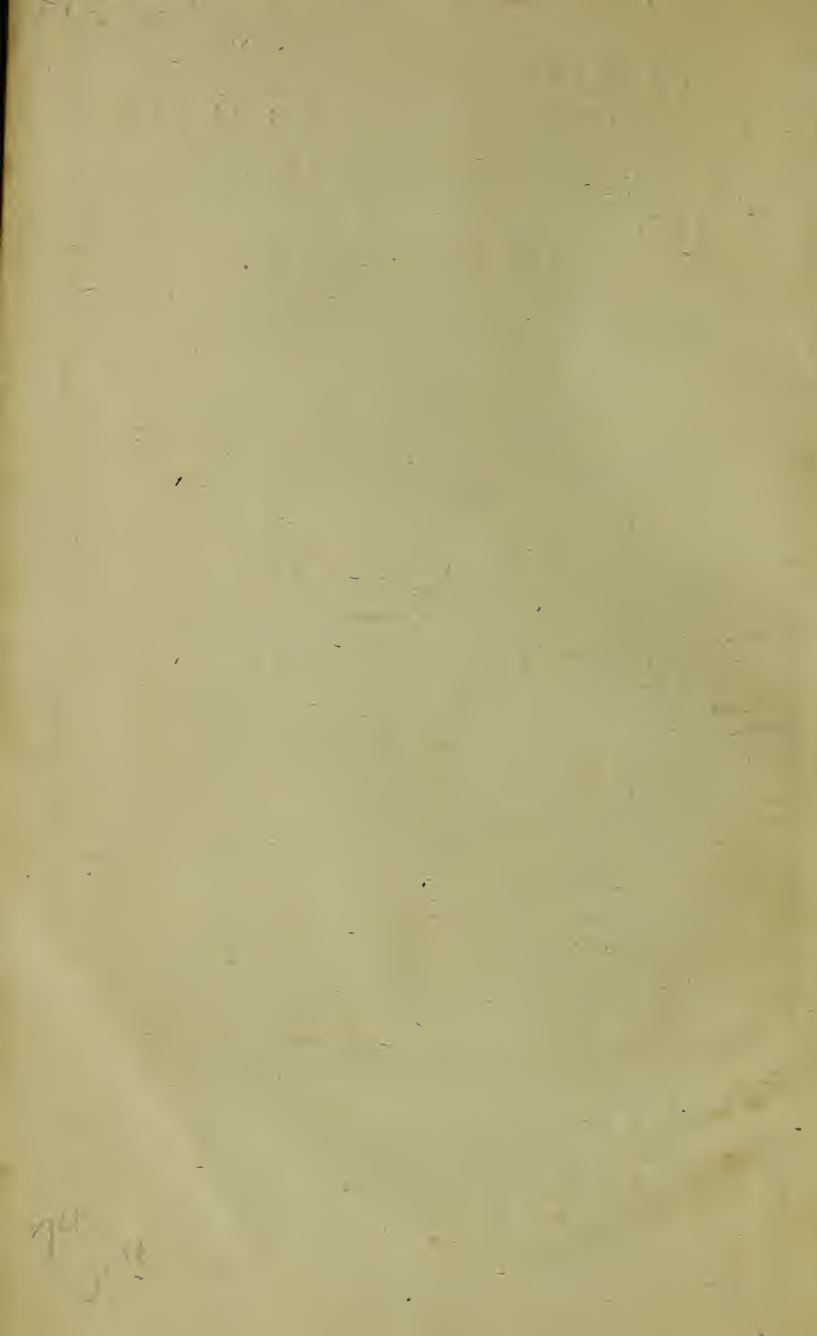
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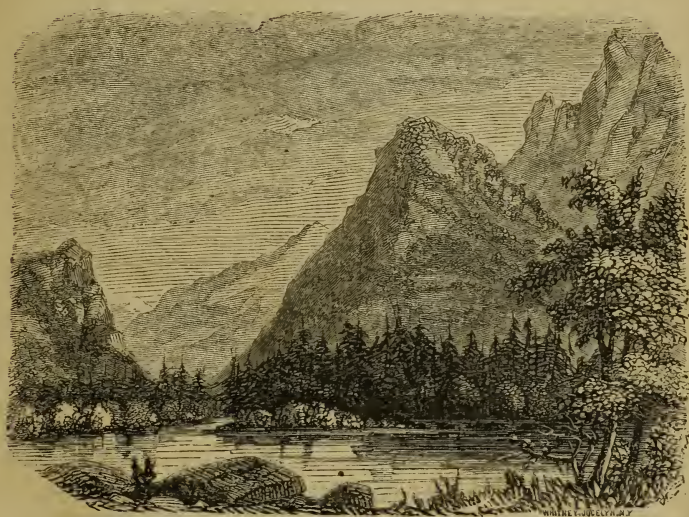
APPLETONS'

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PART II.

THE SOUTHERN AND WESTERN STATES, AND THE
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NEW YORK

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1857.

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No expense or labor will be spared to make the Hand-Book of American Travel attractive, comprehensive, concise, thorough, and every way *reliable*.

The next Annual Edition will be published in May, 1858, and any information in regard to errors and omissions, which those who use the work may detect, or any facts of interest and value—particularly in respect to new routes and accommodations—will be gratefully received and considered. Such communications should be addressed to the Author, care of the Publishers.

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TO THE TRAVELLER :

SOME PARTING WORDS OF EXPLANATION AND ADVICE.

IN a journey over so vast a country as the United States, occupying nearly half a Continent, and measuring its length and breadth by thousands, and its routes of travel by tens of thousands of miles, one may very readily be pardoned if he sometimes stumbles by the way. May *we* not beg the benefit of this consideration, if, in our present laborious *itinéraire*, we have occasionally chanced, despite all our watchfulness, to only half look at points of interest or to overlook them altogether ; or if, amidst the intricate riticulation of the roads, we may have momentarily lost our way ? We hope, however, that we have not been thus unlucky in any considerable degree, for we have made very honest effort to guide our traveller truly and surely ; to show him—hastily, to be sure, as needs must be, yet intelligently—the past and the present, the physique and the *morale*, of the great country through which we have led him ; its differing peoples and places, from the mountains to the prairies—from the cities and palaces of the East to the wildernesses and wigwams of the West.

Though we have thus done our best for the present, we hope to do still better hereafter, as we revise and extend our volume year after year, with the benefit of enlarged personal observation and of the good counsels of others : for we trust that those who follow our guidance will do us the kindness to advise us of any and all errors and omissions they may discover in our pages. To assist them in rendering us this generous service, we have placed some blank leaves for memoranda, at the end of our book.

In our list of illustrations, we have the good fortune to include valuable contributions from the portfolios of our gifted brother-artists, Mr. James H. Cafferty, Mr. F. E. Church, Mr. Jervis McEntee, Mr. A. D. Shattuck, Mr. S. S. David, Mr. Charles Lanman, Mr. T. A. Ayres, and others. In the literary department, we are much indebted to Mr. Ayres, for the careful account of California; to Mr. T. D. Lowther, for the very pleasant mention of St. Augustine; and to William Prescott Smith, for the account of the Baltimore and Ohio Railroad.

THE PLAN OF THIS BOOK.

We have thought it best to follow the familiar geographical order of the various divisions of the country, and thus to begin at Canada on the extreme north-east, and, continuing along the shores of the Atlantic and the Gulf of Mexico, end upon the Pacific, westward. With rare exceptions, we have, instead of selecting a particular route and seeing all it offers of attraction, jumped at once to our especial destination, and then intimated the way by which it is reached. Thus, if the traveller happens to be in New York or Boston, and desires to go to New Orleans, he will, by turning to "New Orleans," find the routes thither. The chief cities are taken as starting points for all other and lesser places in their neighborhood. It has not, of course, been possible to mention every village or town in the Union, in the narrow limits of a pocket volume, like this.

GENERAL REMARKS.

The foreign tourist will soon observe, to his satisfaction, (and the *citizen* might remember it oftener, with thanks to his stars,) the great convenience of the total absence in the United States, of all annoying demands for passports—of scowling fortifications and draw-bridges, of jealous gates, closed at a fixed hour of the evening and not to be reopened before another fixed hour of the morning; of custom-houses between the several States, and of all rummaging of baggage by gens d'armes for the octroi; and yet nevertheless, of as perfect a feeling of security, every where, as in the most vigilantly policed kingdoms of Europe.

He may or may not like the *table d'hôte* system of our hotels—the uniform fare and the unvarying price; that, excepting in the few metropolitan cities, where the habits of all nations obtain, we must submit to.

From the social equality every where and without exception, he will not suffer, however high his rank at home; and if it be not the highest, he will surely gain in consideration. To win attention and care, both the lofty and the lowly have, and have only, to dispense good will and kind manners as they pass along.

MONEY.

Gold and silver, it should be remembered, are always and every where current, while bank-notes, and especially of distant States, very often are not. Change, too, will save trouble; especially half-dollars, generally the fare of omnibuses and hacks, and invariably the price of meals. Twenty-five cent pieces, too, are useful, as fees for little services by the way. In travelling through the settled districts by railways and steamboats, and at the best hotels, the daily expenses should be estimated at not less than five or six dollars per day for each person.

BAGGAGE.

As little baggage as possible is always a good rule, though a very liberal supply is permitted on the railways and almost any quantity on the steamboats. On the stages, the prescribed limit of sixty or eighty pounds cannot be exceeded without extra charge.

The regular carriages of his hotel will convey the traveller securely and in season, to the railway station or the steamboat landing, where his first care must be to deposit his trunks in the keeping of the baggage-master, and receive a check for each one—corresponding marks will be attached to the baggage, and it will be delivered at the end of the route only to the holder of the checks. It is best to get baggage checked for the entire journey, or for the longest possible stage thereof, and thus save one's self the trouble of looking out for it more frequently than is necessary.

Before arriving at his destination, the traveller will, on the principal routes, receive a call from an express agent, to whom he

may safely resign his check and his address, confident that his baggage will be duly delivered, and at the fixed tariff of twenty-five cents for each piece or trunk. On arriving at the end of his journey, he should put himself in one of the carriages marked as in the particular service of the hotel to which he is going. If he employs other vehicles, it will be well to learn the fare beforehand, particularly in the city of New York, where hackmen pay but little attention when they can help it, to the law in the case.

TICKETS.

Tickets on the railways should be purchased at the office before starting, otherwise a small additional charge will be made. If a long journey over various roads is intended, it is cheaper and more convenient to buy a through ticket to the end of the route, or for as long a distance as possible. On the steamboats, the tickets for passage and for meals will be purchased at leisure, after starting, at the captain's office.

HOTELS.

The hotels of the United States are famous all the world over, for their extent, convenience, comfort and elegance. They are often truly palatial in their sumptuousness, with means and appliances for the prompt gratification of every want and whim. The universal price of board, from one end of the country to the other, is \$2 50 or \$2 00 per day at the most fashionable, and indeed at all the principal houses. Private parlors and extra rooms involve an additional charge, according to their position. Wines are always extra and always dear enough.

WAITERS OR SERVANTS.

It is not the general custom in America, as in Europe, to fee waiters at the hotels, though it may very properly be done for especial personal service. It is often done by those who like hot dinners better than cold, or who may have a fancy for some rare dish when it unluckily happens to be "all out."

COSTUME.

At the watering places, the same resources of toilette are

needed as in the city *salon*; but though you be thus provided, do not be unprovided with a travelling suit equal to rude usage. If the color be a gray or a brown, so much the better in the dust of railway and stage routes. Don a felt hat,—it does not crush itself or your head in car or carriage, or blow overboard on steamboats. Leave thin boots (this especially to the ladies) at home, and be well, and comfortably, and safely shod, in *stout calf skin*. It is a pity to be kept in doors by the fear of spoiling one's gaiters or wetting one's feet, when the meadows and hills and brooks are waiting to be explored. In mountain tramps, a generous sized flask, filled with most excellent brandy, may be swung over the shoulder with very picturesque effect.

Now that we have told our traveller *how* to go, it only remains to us, before starting, to add a word of suggestion as to

WHERE TO GO.

If you are in New York, with one or two or three, or more summer days to spare, run up to one or other of the many delightful places on the Hudson River,—to West Point, or Newburgh, for example; or to the Catskill Mountains; or run down to Rockaway, or Long Branch, or any of the many healthful and inviting resorts along the coast of Long Island and New Jersey.

If a week is at your command, go to Lake George, or to Trenton Falls, or Niagara; explore the varied route of the Erie Railway, or seek some one of the innumerable Springs of the State.

If a fortnight or a month can be spared, make a trip to Canada. See Montreal and the Ottawa River, then go to Quebec and the Saguenay, returning through Maine; or from Montreal go up the St. Lawrence to Toronto, and thence to the great Lakes; or spend a part or all of your time among the wonderful White Hills of New Hampshire.

If the whole summer is waiting to be disposed of, visit the countless watering-places in the mountain lands of Western Virginia; or see the landscape beauties of the Blue Ridge regions of the Carolinas and Georgia; or astonish yourself with a glimpse of the western cities and of the Mammoth Cave.

In winter leisure, go to Charleston, and Savannah, and New Orleans, Florida and Cuba, and find the summer airs again which you have lost in higher latitudes.

There is no lack of inviting resorts for a day, or week, or month, or for ever. Look in this respect at our Skeleton Tours, and at the detailed descriptions and routes in the pages which follow. *Go somewhere, if you can*, all of you, and wherever and whenever you go, God speed you on your way and send you duly back wiser, and better, and healthier, and happier men and women.

UNIVERSITY, NEW YORK, *May 1st*, 1857.

AMERICAN FISHING AND FIELD SPORTS.

WE cannot well turn a thought to the boundless resources in forest and flood, which the great and varied territory of the United States presents for every description of field sport, without a sigh of regret that they should be so little esteemed and employed by the people. Nowhere are the wildernesses and the woods so populous with the noblest objects of the chase, the bison, the bear and the deer of every species, while the waters of the numberless inlets and estuaries of the great bays of our Atlantic coast, perhaps surpass those of any other country in the world in their immense supplies of all kinds of wild fowl.

Opportunity waits the will and pleasure alike of the hardiest and boldest forest adventurer, and of the daintest dilettante of the mossy brook-side. All may find abundant occupation for their differing tastes, and with no jealous or unreasonable legal let or hinderance to the full indulgence thereof, as in some other less free and favored lands.

The health, moral no less than physical, which is ever to be gathered in the exercise and pleasures of the chase, commends it, especially, to a people disposed, like ours, to over-work and over-toil; and if the scholar could be persuaded, sometimes, to close his wearying books, the merchant to leave his dull desk, and the artisan his unceasing toil for a generous indulgence in out-of-door relaxation, who can tell how much the enjoyment of life might be increased—how greatly life itself might be prolonged?

For the angler there is opportunity every where in the mountain brooks and woodland streams, and in the innumerable rivers and lakes of the land.

Sea trout and salmon, of the finest size and quality, abound in Maine, east of the mouth of the Kennebec. In Nova Scotia, New Brunswick and Canada, too, they are most plentiful. The salmon, especially, may be readily taken in the waters of the St. John's river, in the St. Lawrence, as far up as the "Thousand Islands," and down almost to the sea; in the Chaudiere, the St. Maurice, the Jacques Cartier and the Ottawa. From Lake Ontario, this fine fish makes its way through the Oswego river into Lake Cayuga, and it is said enters Seneca Lake also. In these last-mentioned waters they are usually taken with the net, and very rarely, if ever, by the fly.

Smaller trout of exquisite flavor are abundant in all the mountain streams of the Northern and the Middle States, as far southward as Virginia. They swarm, also, in Lake Superior, where the salmon, too, is to be found. Long Island is famous for its trout; and so, also, is the wilderness of northern New York—all that beautiful mountain and lake region lying west of Champlain. The brook or spotted trout here, are

often taken up to two and a-half or three pounds, and sometimes up to six, though a two-pounder is usually esteemed a god-send, as the average size of this fish is much less in American than in European waters.

The black bass is plentiful in the lakes, and the pike, the pickerel, the maskalonge and the striped bass, besides many lesser kind.

The most abundant facilities for wild-fowl shooting may be found at all points of the long reach of the Atlantic coast—in the noble bays and the rivers—inlets from Maine to Florida. At some one or other period of the year, each species of wader, from the stately swan to the little sand-piper, take up their abode in every point of this region—now flocking to the land-locked bays and lagunes of Long Island and New Jersey; now about the estuaries of the great Chesapeake, and later still, in the Albemarle and the Pamlico Sound, off Carolina. See “Long Island” in this respect, and the “Chesapeake Bay” in regard to the famous canvas-back.

Even to catalogue the eligible spots for every kind of upland shooting in a country covered with forests and woods, and necessarily filled with birds and other game of all kinds, would demand a volume. The sportsman may choose for himself where to kill the prairie hen, any where from Texas up, through all the great western plains; the ruffed grouse, in New England where it is called partridge, and in Pennsylvania, where it is known as the pheasant; or the Canada grouse in upper New York and northward. The quail may be found abundantly from Massachusetts to Ohio and Kentucky, and even to Texas. The woodcock is plentiful in all the Eastern and Middle States, and in winter not less so in the South. Ducks, too, of many kinds, and teal and rail will every where repay the search of the hunter.

Of the nobler game of the forest-wilds, the rude bison, the lordly elk and moose, the deer, and even of the bear and the panther, not only the great Western wildernesses, but the mountain glens of the northern States, and the jungles of the South, offer ample supplies. The deer, more especially, is yet to be found in every part of the United States, and abundantly in the woods of Maine and the mountain region of all New England and of northern New York. See chapters on the Adirondack and the Saranac lake region. Hereabouts this beautiful animal is most often killed by one or other of the two questionable modes, called driving and still hunting; but south of the Potomac, in Virginia, the Carolinas, Mississippi and Louisiana, he is yet followed in the good old brave manly chase, with all the inspiring and ennobling adjuncts of mounted cavalier, daring flood and fell at the call of the bugle note and the stirring halloo.

The bison and the elk must be followed to the Far West, beyond the Mississippi, whither they have been driven long since, before the inexorable course of empire. How much longer they may be found even there, who can tell, while Civilization is stalking, as it is, over the great deserts in its annihilating seven-league boots.

“Let the man who’s disturbed by misfortune and care,
Away to the woodlands and valleys repair.
Tally-ho, etc.

Let him hear but the notes of the sweet swelling horn,
With the hounds in full cry, and his troubles are gone.
Tally-ho, etc.”

OLD SONG.

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*See Description of Routes, Hotels, Places and Scenes in the Following Pages.**

A TOUR OF SIX DAYS,

Visiting West Point, Newburgh, and the Catskills.

MONDAY. New York to West Point (52 miles), by morning steamboat up the Hudson River, through the Highlands, or by an early train on the Hudson River Railway, stopping at Garrison's, and crossing by steam-ferry to the West Point Hotel or to Cozzens', just below. Arrive in three hours, by or before noon (page 128).

Visit the Military Academy, the ruins of Fort Putnam, Kosciusko's Garden, Weir's Studio, etc.

TUESDAY. Morning steamboat or early train to Newburgh (9 miles, crossing ferries included, one hour), stop at the Orange Hotel, on the Main street, or at the Powhattan, an elegant summer establishment in the suburbs; visit Washington's Head Quarters in the village. After dinner, take a carriage for "Idlewild," the charming home of N. P. Willis, four miles down the river. Explore the grounds and the beautiful mountain brook and glen. Visit "Cedarlawn," the residence of the author Headley, on the way, a mile below Newburgh (pages 130, 131).

WEDNESDAY. Morning steamboat or by Railway from Fishkill, opposite Newburgh, to Oakhill, opposite Catskill; 51 miles, 2 hours, *besides ferries*. From Catskill village, in good coaches, 12 miles, through a most picturesque hill and valley region, to the Mountain House (page 144).

THURSDAY. Look out for the grand spectacle, from this point, of the sun-rise. After breakfast walk to the North Mountain, overlooking the Hotel and the two lakes; next, join the usual morning party in the two-mile ride to the High Falls: back to dinner.

FRIDAY. Ride from the Mountain House through the great Kauterskill Clove, westward to the village of Palenville, returning by valley and mountain road eastward; or explore the ravines and cascades of the Clove, better *on foot*—a good day's tramp.

SATURDAY. Return to New York, via Catskill Village and the Hudson River.

. If more time is at command, devote a day to a visit to High Peak, another to the Stony Clove, and another to the Plauterkill Clove and Creek.

* For Railway Time-Tables consult Appletons' Monthly Railway and Steam Navigation Guide.

A TOUR OF SIX DAYS,

Visiting Albany and Troy (via the Hudson River), Saratoga Springs, Lake George, Fort Ticonderoga, and Whitehall, on Lake Champlain.

MONDAY. From New York by morning boat or cars, via Hudson River, 146 miles, 5 or 6 hours, to Albany (see Albany and Troy, pp. 134 and 135.)

TUESDAY. Railway via Schenectady or Troy, 45 or 50 miles, two and a half hours, to Saratoga Springs. Stop at the United States Hotel, or at the Union Hall (p. 149).

WEDNESDAY. To Lake George by Railway 15 miles, to Moreau Station, and thence by plank road, an hour or two, via Glen's Falls to Caldwell. Stop over night at the Lake House, or at the Fort William Henry Hotel, close by (page 151).

THURSDAY. Spend the day on the lake boating and fishing, or sketching.

FRIDAY. Make the voyage of the lake in the beautiful new steamer, the "Minnehaha," a few hours, sail to the village of Ticonderoga, at the foot or north end of the lake; thence 3 or 4 miles by coach to the ruins of Fort Ticonderoga.

SATURDAY. Return home by the Lake Champlain steamers to Whitehall (page 154), and thence by Railway via Troy and the Hudson.

* * Same tour (except on the Hudson), within the same time from Boston, taking the Western Railway, thence (*Monday*) 200 miles to Albany,

A TOUR OF SIX DAYS,

Visiting Trenton and Niagara Falls, via the Central Railway, and Returning by the New York and Erie Road.

MONDAY. From New York to Trenton Falls, via Hudson River, 146 miles to Albany, Central Railway, 95 miles to Utica, thence 15 miles to the Falls (page 156).

TUESDAY. Explore the Falls.

WEDNESDAY. Return to Utica and resume journey on the Central Road, via Syracuse and Rochester (Falls of the Genesee) to Niagara (page 161).

THURSDAY. At Niagara.

FRIDAY. To Buffalo, and thence by the Erie Railway, passing the night at Binghamton.

SATURDAY. Erie Road from Binghamton to New York.

* * If more time is at command, remain over Sunday at Niagara, and follow the picturesque route of the Erie Road more leisurely, seeing the cascades and ravines of the Genesee, and the great Railway Bridge at Portage, 61 miles from Buffalo. Elmira, 273 miles from New York; Owego, 236 miles; Great Bend, 200 miles; and Port Jervis, 88 miles, are pleasant stopping places on the way.

TOUR OF A WEEK,

Visiting Philadelphia, Baltimore, and Washington City.

MONDAY. From New York by morning line to Philadelphia on the New Jersey Railway, 87 miles, or by the Camden and Amboy route (pages 174 and 176). Arrive in the early afternoon.

TUESDAY. At Philadelphia (see page 182).

WEDNESDAY. Morning train to Baltimore (page 179), 97 miles; arrive in the early afternoon. For Baltimore see page 199.

THURSDAY. Spend the day in Baltimore, and take the evening train (page 214), 40 miles, 2 hours, to Washington.

FRIDAY. At Washington (page 215).

SATURDAY. Return to New York by Baltimore and Philadelphia, 224 miles.

* * If more time can be spared, remain in Washington Saturday and Sunday, visiting Mount Vernon (page 218), Georgetown, Alexandria, etc. Return on Monday to Philadelphia, and next day leisurely to New York.

TOUR OF A WEEK,

Visiting the Valley of Wyoming and the Delaware Water Gap.

MONDAY. From New York by the Erie Railway, 200 miles, to Great Bend.

TUESDAY. By the Delaware, Lackawanna and Western Railway to Scranton, an interesting place; thence to Wilkesbarre, on the Susquehanna, and in the Valley of Wyoming (page 194).

WEDNESDAY. Explore the valley, visiting Prospect Rock, 3 miles from the village and Nanticoke, in the beautiful passage of the Susquehanna, at the Southern extremity of Wyoming.

THURSDAY. Returning, take the cars via Mauch Chunk, in the coal region, to Easton and the Water Gap.

FRIDAY. At the Water Gap (see page 197.)

SATURDAY. Reach home by the Delaware, Lackawanna, and Western Railway, and other routes across New Jersey.

* * With more time, it would be agreeable to spend a day at Scranton, two or three in and below the Valley of Wyoming; to stop at Mauch Chunk, and see the coal mines and the bold landscape of the Lehigh River.

TOUR OF TWO WEEKS,

Visiting the White Mountains and the Lake Scenery of New Hampshire, via Boston.

FIRST WEEK.

MONDAY. From New York to Boston (page 61), journey occupying the night, by the Stonington and Providence, the Fall River or the Norwich routes (morning and evening), or by the Railway Express.

TUESDAY. Boston (page 65.)

WEDNESDAY. Boston to Centre Harbor, on Lake Winnipiseogee (page 88); arrive at dinner time; spend the afternoon on the lake or lake shores.

THURSDAY. Visit Red Hill (on horseback), a few miles distant, and overlook the beautiful lake region (page 91).

FRIDAY. Proceed, by the White Mountain stages, to North Conway, one of the most charming valleys in the world; stop over night at Thompson's (page 91).

SATURDAY. Continue journey by stage 24 miles to Crawford House, in the Great White Mountain Notch—traversing the valleys of Conway, Bartlett, etc.

SUNDAY. Crawford House (page 96).

SECOND WEEK.

MONDAY. Ascend Mount Washington (page 96).

TUESDAY. Visit the Silver Cascade and other scenes in the neighborhood of the Notch.

WEDNESDAY. Continue journey, by stage, 36 miles (page 99), to the Profile House, in the Franconia group of the White Hills, following the course of the Ammonoosuc.

THURSDAY. Profile House; visit Echo Lake and Profile Lake, and see the Old Man of the Mountain, Eagle Cliff, Cannon Mountain, and other sights of the vicinage.

FRIDAY. Ride 5 miles, from the Profile to the Flume House; visit the Flume and its neighboring marvels.

SATURDAY. Returning, take stage to Littleton, 16 miles; thence by Railway 20 miles to Wells' River; thence through the valley of the Connecticut to Bellows Falls, Brattleboro, or Northampton.

SUNDAY. At Bellows Falls, Brattleboro or Northampton.

THIRD MONDAY. Home, from Northampton, by Springfield, Hartford, and New Haven, or (from Bellows Falls) by Albany and the Hudson.

A TOUR OF TWO WEEKS,

From New York to the White Mountains, via Boston and Portland, Returning by the Connecticut Valley Routes.

FIRST WEEK.

MONDAY. New York to Boston (see routes, page 61).

TUESDAY. At Boston (page 65).

WEDNESDAY. Boston to Portland, Maine (see routes, page 58).

THURSDAY. At Portland (page 58).

FRIDAY. From Portland by the Grand Trunk Railway, 91 miles to Gorham, N. H., White Mountain Station (page 94); continue journey in coaches 7 miles to the Glen House (page 94).

SATURDAY. Journey by stage from the Glen House, 34 miles, to the Crawford House, White Mountain Notch.

SUNDAY. At the Crawford House.

SECOND WEEK.

Explore the White Mountains and return home, as in preceding Tour.

A TOUR OF TWO WEEKS,

Visiting the New England Cities, New Haven, Hartford, Springfield, Boston, Providence, and Newport.

FIRST WEEK.

MONDAY. From New York to New Haven, Ct., 76 miles, by the New Haven Railway; visit Yale College, the Trumbull Gallery, etc. (page 62).

TUESDAY. Continue journey, 36 miles, to Hartford, Ct. (page 62).

WEDNESDAY. To Springfield, Mass., 26 miles (page 63); visit the United States Armory, etc.

THURSDAY. To Boston, 98 miles (page 65).

FRIDAY. At Boston (page 65).

SATURDAY. At Boston.

SUNDAY. At Boston.

SECOND WEEK.

MONDAY. Morning train from Boston, 43 miles, to Providence (page 83); see the Library of Brown University and the Athenaeum; visit the Seekonk River and "What Cheer Rock," on the edge of the city, the village and Falls of Pawtucket, near by, etc.

TUESDAY. At Providence; take a sail down the Narragansett Bay and back, in one of the numerous excursion steamers (page 84).

WEDNESDAY. Take the steamboat down the Narragansett Bay, from Providence to Newport; a charming voyage of some two hours.

THURSDAY. At Newport (page 86)

FRIDAY. At Newport.

SATURDAY. At Newport.

SUNDAY. At Newport.

MONDAY. Home.

TOUR OF TWO WEEKS,

From New York up the Valley of the Housatonic to Great Barrington, Stockbridge, etc., in Berkshire, Mass.; to Lebanon Springs and Shaker Village, N. Y. Returning via the Hudson River and West Point.

FIRST WEEK.

MONDAY. From New York, via New Haven Railway (page 62), to Bridgeport, Ct.; thence, without stopping, by the Housatonic Railway (page 80) up the valley and river of the Housatonic to Great Barrington, in Berkshire, Mass.

TUESDAY. At Great Barrington (page 81).

WEDNESDAY. From Great Barrington, Railway 26 miles to Old Stockbridge.

THURSDAY. At Old Stockbridge (page 81).

FRIDAY. Lebanon Springs.

SATURDAY. Lebanon Springs (page 171).

SUNDAY. Lebanon Springs. Visit Shaker village, near by (page 171).

SECOND WEEK.

MONDAY. Visit Pittsfield, Williamstown, Lenox, Adams, etc.

TUESDAY. Visit Pittsfield, Williamstown, Lenox, Adams, etc.

WEDNESDAY. Visit Pittsfield, Williamstown, Lenox, Adams, etc.

THURSDAY. Return via Western Railway to Albany, or by the Berkshire Road to Hudson, and thence down the Hudson River to West Point.

FRIDAY. At West Point (page 128).

SATURDAY. Back in New York.

TOUR OF TWO WEEKS,

Visiting the Valley of the Connecticut.

MONDAY. By Railway from New York via New Haven and Hartford, Ct., to Springfield, Mass., 138 miles; dine, visit the U. S. Armory, etc. (pages 61 to 63).

TUESDAY. To Northampton, 17 miles, by Railway, near the banks of the Connecticut.

WEDNESDAY. At Northampton (page 73), visiting Mount Holyoke, and other scenes of great interest in the immediate neighborhood.

THURSDAY. Continue on the Railways up the valley and river 19 miles to Greenfield, Mass.; walk in the evening to the high ridge called Poet's Seat, finely overlooking all the country round.

FRIDAY. Resume the journey (by Railway always), up the valley, 24 miles further, to Brattleboro, in Vermont. This is one of the most agreeable resting places on the route; one of the most attractive in scenery, society, hotel comforts, etc. (see page 78).

SATURDAY. Visit the grounds of the Insane Asylum, West River, the Cemetery, and other charming localities in the vicinage of Brattleboro.

SUNDAY. Still at Brattleboro; a pleasant place for a Sunday halt, all travel being suspended on that day hereabouts.

MONDAY. Resume journey 24 miles further up the river to Bellows Falls (page 79). At this point the traveller may turn back if he pleases by railway via Rutland, Vt., Whitehall, on Lake Champlain, Saratoga Springs, Albany or Troy, and the Hudson River; going on Tuesday to Saratoga, and on Wednesday to New York; or he may continue on with us yet further up the valley of the Connecticut.

TUESDAY. From Bellows Falls 26 miles to Windsor, Vt., a very quiet, picturesque, and pleasant place (page 79).

WEDNESDAY. Ascend Mount Ascutney, near Windsor.

THURSDAY. From Windsor (returning) by the Vermont Central Road, through the charming valley of the Winooski to Burlington, on Lake Champlain (page 101).

FRIDAY. Cross the Lake from Burlington to Port Kent, and visit the bold ravine called the Walled Banks of the Ausable.

SATURDAY. Home by Whitehall, Troy, Albany, and the Hudson.

* * At Windsor (Second Tuesday of this tour), the traveller being on one of the most agreeable routes thence, may continue his journey eastward to the White Mountain Region.

TOUR OF THREE WEEKS,

Visiting the Hudson River, Saratoga Springs, Lake George, Lake Champlain, Montreal, Quebec, and the Saguenay River, the St. Lawrence River, Niagara Falls, and the Scenery of the Erie Railway.

FIRST WEEK.

MONDAY. From New York to Albany, by steamboat or railway (Hudson River), thence by railway to Saratoga (pages 119 and 149).

TUESDAY. Saratoga Springs (page 149).

WEDNESDAY. To Caldwell on Lake George (page 151).

THURSDAY. Down Lake George to Fort Ticonderoga on Lake Champlain (page 150 to 153).

FRIDAY. Steamer on Lake Champlain to Plattsburg (page 153), thence by railway to Montreal.

SATURDAY. Montreal (page 32).

SUNDAY. Montreal.

SECOND WEEK.

MONDAY. Railway or St. Lawrence River to Quebec (page 35).

TUESDAY. Quebec (page 35).

WEDNESDAY. Down the St. Lawrence to the mouth of the Saguenay (page 29).

THURSDAY. Voyage up the Saguenay.

FRIDAY. Back to Quebec.

SATURDAY. Grand Trunk Railway to Montreal.

SUNDAY. Montreal.

THIRD WEEK.

MONDAY. Up the St. Lawrence by the Thousand Islands to Kingston (page 390).

TUESDAY. Grand Trunk Railway via Toronto to Hamilton; thence, by the Great Western Road to Suspension Bridge, Niagara.

WEDNESDAY. Niagara Falls (page 161).

THURSDAY. Niagara.

FRIDAY. Erie Railway (returning) to Owego or Binghamton, or to Utica on the Central Route.

SATURDAY. Home,

* * Omit the détour from Montreal to Quebec, and back, and make this tour within two weeks instead of three.

HUNTING TOUR OF THREE WEEKS,

To the Saranac Lakes, in the Wilderness of Northern New York.

FIRST WEEK.

MONDAY. From New York to Port Kent, opposite Burlington, on Lake Champlain, via Hudson River, Saratoga Springs, and Whitehall (page 153). From Port Kent, by omnibus or stage five miles back, to Keeseville. Stop at the Ausable House.

TUESDAY. Visit the remarkable ravines and cascades near Keeseville, called the Walled Banks of the Ausable (page 155).

WEDNESDAY. Take the tri-weekly mail wagon or private carriage, for the banks of the Lower Saranac Lake, stopping at Baker's, a mile distant, or at Martin's on the shore (page 168).

THURSDAY. Secure the services of a guide and hunter, with his boat, dogs, tent, and all necessary equipments and provisions for camp life, all the journey hence being by water (page 169).

FRIDAY. On the Lower Saranac, crossing the "carrying place" in the afternoon to the Middle Saranac, on the shore of which camp for the night, after a supper of trout, readily taken, with venison, perchance, to boot.

SATURDAY and SUNDAY. Camp on the Upper Saranac, one of the most beautiful of these lakes, and a fine hunting and fishing ground.

SECOND WEEK.

MONDAY and TUESDAY. Visit the St. Regis Lake.

WEDNESDAY. Return to the Middle Saranac (or Round Lake), make a short portage to the Stony Creek Pond; and thence reach "the Racquette River," by a pull of three miles on the Stony Creek. Camp for the night.

THURSDAY. Voyage on the Racquette River of 20 miles to Tupper's Lake. The tourist is here at the last and most charming portion of the region comprised in our present tour; and here, be he artist or hunter, he will be very willing to pass the remainder of the time which his furlough grants to him. Lough Neah is a continuation of the picturesque waters of Tupper's Lake.

FRIDAY. Tupper's Lake (page 109).

SATURDAY. Tupper's Lake (page 109).

SUNDAY. Tupper's Lake (page 109).

THIRD WEEK.

MONDAY. Tupper's Lake.

TUESDAY. Returning; retrace the Racquette River.

WEDNESDAY. Arrive at the Middle Saranac Lake.

THURSDAY. Back to the starting point on the Lower Saranac.

FRIDAY. Regain Lake Champlain at Port Kent, or at Westport.

SATURDAY. Home.

. If the traveller in this wonderful region be addicted to the rifle, the rod, or the pencil, he may extend his visit with pleasure from three weeks to three months. The Adirondack hills and lakes—another portion of this marvellous wilderness—are not far removed from the Saranac; and one, two, or more weeks might be spent there with great satisfaction (page 169).

TOUR OF FOUR WEEKS,

To the Great Lakes, via Quebec, Montreal, the St. Lawrence Niagara Falls, &c.

FIRST WEEK.

MONDAY. From New York, via Albany and Troy, to Saratoga.

TUESDAY. Saratoga Springs.

WEDNESDAY. To Montreal, by Railway or Steamer on Lake Champlain.

THURSDAY. Montreal.

FRIDAY. To Quebec.

SATURDAY. Quebec and vicinity, visiting the Falls of Montmorenci, the Chaudiere, &c.

SUNDAY. Quebec.

SECOND WEEK.

MONDAY. Grand Trunk Railway, by Montreal, to Toronto, on Lake Ontario.

TUESDAY. The Ontario, Simcoe, and Huron Railway, 97 miles, to Collingwood, on the Georgian Bay, an arm of Lake Huron.

WEDNESDAY. By Steamer, on Lake Huron (page 43), to the Straits of Mackinac, (page 43).

THURSDAY. Mackinac.

FRIDAY. Mackinac.

SATURDAY. Steamer to the Sault St. Marie—the connecting link of the waters of Huron and Lake Superior.

SUNDAY. At the Sault de St. Marie.

THIRD WEEK.

Voyage on Lake Superior.

FOURTH WEEK.

MONDAY. From the Sault de St. Marie (returning) (Steamer on Lake Huron) to Detroit, Michigan.

TUESDAY. Great Western Railway to Suspension Bridge, Niagara Falls.

WEDNESDAY. Niagara Falls.

THURSDAY. Niagara Falls.

FRIDAY. To Utica Central Railway, or to Binghamton, Erie Route.

SATURDAY. To New York.

TOUR OF FOUR WEEKS,

To the Virginia Springs, Weir's Cave, the Natural Bridge, the Peaks of Otter, &c.

FIRST WEEK.

MONDAY. From New York to Philadelphia (pages 174 and 176).

TUESDAY. Philadelphia to Baltimore (page 179).

WEDNESDAY. Baltimore to Washington City (page 215).

THURSDAY. At Washington City—visit Mount Vernon.

FRIDAY. To Alexandria; and thence, by the Orange and Alexandria Railway, 88 miles; and from Gordonsville, on the Virginia Central Road, 64 miles to Staunton.

SATURDAY. Stage or Carriage, 17 miles, to Weir's Cave.

SUNDAY. At Weir's Cave (page 239).

SECOND WEEK.

MONDAY. At Weir's Cave, returning in the afternoon to Staunton.

TUESDAY. Continue journey on the Central Road, as far as it at present extends, and proceed thence to the White Sulphur Springs by Stage.

WEDNESDAY. *En route.*

THURSDAY. White Sulphur Springs (page 232).

FRIDAY. White Sulphur Springs.
 SATURDAY. White Sulphur Springs.
 SUNDAY. White Sulphur Springs.

THIRD WEEK

May be devoted to the other Springs of this Region.

FOURTH WEEK.

Visit the Natural Bridge, 63 miles from the White Sulphur Springs; 12 miles from Lexington; 36 miles from Lynchburg, on the Virginia and Tennessee Railway, from Richmond, west (page 236); next, see the Peaks of Otter (page 237), in the same region. Return home by the Virginia and Tennessee Road, from Lynchburg to Richmond (page 220); thence, by the Great Southern Mail Route to Washington; or, more agreeably, by the James River and the Chesapeake Bay, to Baltimore; from Baltimore to Philadelphia; from Philadelphia to New York.

* * * For landscape beauties not mentioned here in the Spring Region of Western Virginia, see page 240 and following. This tour might be pleasantly extended to two or even three months.

TOUR OF FOUR WEEKS,

From New York, via Boston and Portland, to Quebec and the Saguenay, Montreal, the Ottawa, and the St. Lawrence, returning by Niagara and Trenton Falls, Saratoga Springs, and the Hudson River. Détour of ten days (extra) to the White Mountains.

FIRST WEEK.

MONDAY. New York to Boston—see Routes page 61 and following.

TUESDAY. At Boston (page 65).

WEDNESDAY. Boston to Portland, Maine—Routes page 58.

THURSDAY. At Portland (page 58).

FRIDAY. From Portland to Quebec, by the Grand Trunk Railway (pages 35 and 59.)

Détour of Ten Days to White Mountains.

[The White Mountains may be pleasantly visited from this part of our present Route (in ten extra days), stopping at Gorham, N. H., 31 miles on the way from Portland, reaching Glen House, 7 miles from Gorham, same day; Crawford House, White Mountain Notch, on Saturday; and so on, as per programme of SECOND WEEK, in Tours, pages 15 and 16; returning to the Glen House by the Second Sunday, and resuming journey (from Gorham to Quebec) on Monday following.]

SATURDAY. At Quebec (page 35).

SUNDAY. At Quebec.

SECOND WEEK.

MONDAY. At Quebec, visiting Falls of Montmorenci, of the Chaudiere, of St. Anne, &c. (page 37).

TUESDAY. Excursion to Saguenay River and back to Quebec, as in Tour (page 18).

WEDNESDAY. Excursion to Saguenay River and back to Quebec.

THURSDAY. Excursion to Saguenay River and back to Quebec.

FRIDAY. From Quebec, by Grand Trunk Railway, or St. Lawrence River, to Montreal.

SATURDAY. Montreal (page 32).

SUNDAY. Montreal (page 32).

THIRD WEEK.

- MONDAY. Excursion up the Ottawa River from Montreal and back (pages 26 to 29).
 TUESDAY. Excursion up the Ottawa River from Montreal and back.
 WEDNESDAY. Excursion up the Ottawa River from Montreal and back.
 THURSDAY. Up the St. Lawrence and Lake Ontario (or by Grand Trunk Railway) to Niagara Falls (page 39).
 FRIDAY. Up the St. Lawrence and Lake Ontario (or by Grand Trunk Railway) to Niagara Falls.
 SATURDAY. At Niagara Falls (page 161).
 SUNDAY. At Niagara Falls.

FOURTH WEEK.

- MONDAY. Still at Niagara.
 TUESDAY. By Central Railway to Utica.
 WEDNESDAY. From Utica, 15 miles, to Trenton Falls.
 THURSDAY. At Trenton Falls (page 156), returning to Utica in the evening.
 FRIDAY. Journey to and stay at Saratoga Springs (page 149).
 SATURDAY. Back to New York, via Troy, Albany, and the Hudson River (page 119).

TOUR OF FOUR WEEKS,

To the Upper Mississippi, via Niagara, Detroit, Chicago, Milwaukee, St. Paul, St. Louis, Louisville, Cincinnati, etc.

FIRST WEEK.

- MONDAY. From New York to Niagara by the Erie Railway, 444 miles, or by the Central route, 466 miles—a journey more comfortably made in two days than one, if time serves.
 TUESDAY. Niagara (page 161).
 WEDNESDAY. By the Great Western Railway, 229 miles, to Detroit
 THURSDAY. By the Michigan Central road, 234 miles, to Chicago.
 FRIDAY. Chicago, Ill. (page 351).
 SATURDAY. To Milwaukee by steamer on Lake Michigan, or by railway along shore, 85 miles.
 SUNDAY. At Milwaukee, Wis. (page 353).

SECOND WEEK.

Visit to St. Paul, Minnesota, leaving Milwaukee on Monday for Madison, Wis., and thence (circuitously) by railway to Dubuque on the Mississippi, or returning, to Chicago, and thence to Dubuque direct, by the Galena and Chicago route. From Dubuque by steamer up the Mississippi river to St. Paul and the Falls of St. Anthony. Returning by the end of the week (second of the tour) via the river, to St. Louis.

THIRD WEEK.

- MONDAY. At St. Louis (page 350).
 TUESDAY. By the Ohio and Mississippi Railway, and the New Albany and Salem road to Louisville.
 WEDNESDAY. At Louisville, Ky. (page 319).
 THURSDAY. At Louisville.
 (Another week would permit the traveller to visit the Mammoth Cave very agreeably from this the chief point of détour thither.)
 FRIDAY. By railway or steamer on the Ohio river to Cincinnati.

SATURDAY. At Cincinnati, Ohio (page 329).

SUNDAY. At Cincinnati.

FOURTH WEEK.

MONDAY. By railway to Columbus, Ohio (page 333).

TUESDAY. Railway to Zanesville, Ohio (page 334).

WEDNESDAY. To Wheeling, Va.

THURSDAY AND FRIDAY. By the Baltimore and Ohio road to Baltimore, or by the Pennsylvania railway to Philadelphia. Both these noble routes are as magnificent in their pictorial attractions as in their grand extent—each traversing a wide extent of country, replete with every variety of natural beauty. For a description of the numberless notable scenes on the Baltimore and Ohio Railway, see pages 204 and following. For mention of the wonders on the Pennsylvania route, consult page 190.

SATURDAY. To New York.

A WINTER TOUR OF SIX WEEKS,

Visiting the Invalid Resorts of Florida, Savannah and Augusta, Geo., Charleston and Columbia, S. C., Richmond, Va., and Washington City.

FIRST WEEK.

SATURDAY. Leave New York by the steamer of Saturday afternoon, and arrive in Savannah Tuesday morning. Spend the rest of the week in Savannah at the Pulaski House, the Mansion House, or the City Hotel (page 275).

SECOND WEEK.

SATURDAY. Leave Savannah in the steamer for Jacksonville, Pilatka and other places on the St. John's river (pages 265 and 266). Spend the week hereabouts.

THIRD WEEK.

At St. Augustine, on the coast, below the mouth of the St. John's (page 266). St. Augustine, or the "Ancient City," as it is sometimes called, from its venerable age, which exceeds that of any other place in the Union, will tempt the visitor to a long tarry with the social attractions which its fame as an invalid resort has secured. The peculiar natural features of the city and the neighborhood, will also win his particular interest.

FOURTH WEEK.

At St. Augustine.

FIFTH WEEK.

Return to Savannah and take the Georgia Central railway to Augusta (page 277), thence by the South Carolina road to Charleston (page 249).

SIXTH WEEK.

MONDAY. By South Carolina railway from Charleston to Columbia.

TUESDAY. At Columbia (page 257), resuming journey in the afternoon.

WEDNESDAY. *En route.*

THURSDAY. At Richmond, Va. (page 220).

FRIDAY. Arrive at Washington City (page 215).

SATURDAY. To Baltimore in the evening.

SUNDAY. At Baltimore (page 199).

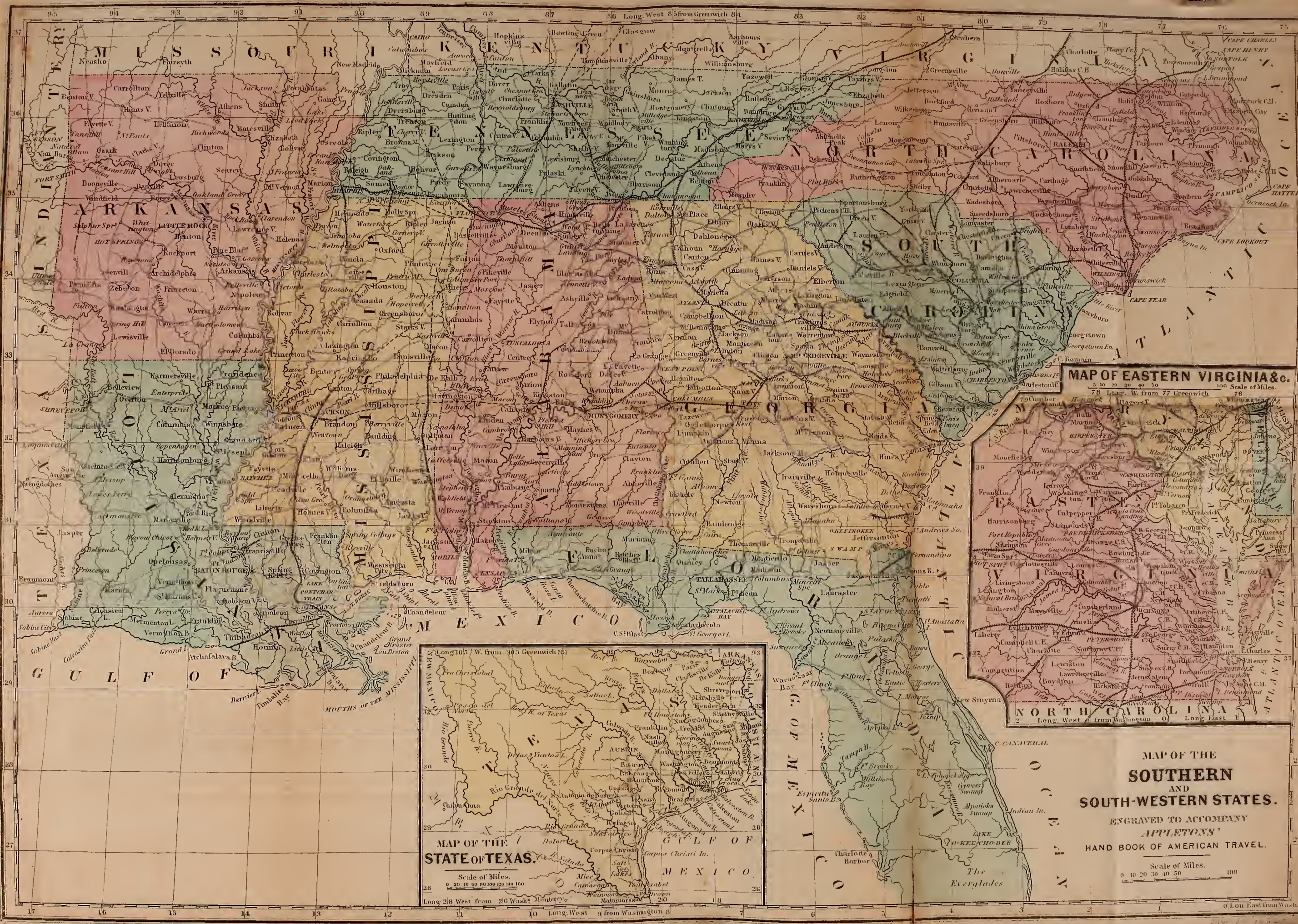
MONDAY. To New York.

THE TRAVELLER'S ALMANAC

FOR

1857—1858.

1857.	Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	1858.	Sunday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
JULY	..	..	..	1	2	3	4	JAN.	..	..	..	..	..	1	2
	5	6	7	8	9	10	11		3	4	5	6	7	8	9
	12	13	14	15	16	17	18		10	11	12	13	14	15	16
	19	20	21	22	23	24	25		17	18	19	20	21	22	23
	26	27	28	29	30	31	..		24	25	26	27	28	29	30
AUG.	..	..	..	..	..	..	1	FEB.	31	..	..	..	..	..	..
	2	3	4	5	6	7	8		..	1	2	3	4	5	6
	9	10	11	12	13	14	15		7	8	9	10	11	12	13
	16	17	18	19	20	21	22		14	15	16	17	18	19	20
	23	24	25	26	27	28	29		21	22	23	24	25	26	27
	30	31	..	..	..	..	..		28	..	..	..	..	..	..
SEPT.	..	..	1	2	3	4	5	MAR.	..	1	2	3	4	5	6
	6	7	8	9	10	11	12		7	8	9	10	11	12	13
	13	14	15	16	17	18	19		14	15	16	17	18	19	20
	20	21	22	23	24	25	26		21	22	23	24	25	26	27
	27	28	29	30	..	..	..		28	29	30	31	..	..	..
OCT.	..	..	..	..	1	2	3	APRIL	..	..	..	..	1	2	3
	4	5	6	7	8	9	10		4	5	6	7	8	9	10
	11	12	13	14	15	16	17		11	12	13	14	15	16	17
	18	19	20	21	22	23	24		18	19	20	21	22	23	24
	25	26	27	28	29	30	31		25	26	27	28	29	30	..
	..	..	..	..	..	..	..	MAY	..	..	..	..	..	..	1
Nov.	1	2	3	4	5	6	7		2	3	4	5	6	7	8
	8	9	10	11	12	13	14		9	10	11	12	13	14	15
	15	16	17	18	19	20	21		16	17	18	19	20	21	22
	22	23	24	25	26	27	28		23	24	25	26	27	28	29
	29	30	..	..	..	..	..		30	31	..	..	..	..	..
DEC.	..	..	1	2	3	4	5	JUNE	..	..	1	2	3	4	5
	6	7	8	9	10	11	12		6	7	8	9	10	11	12
	13	14	15	16	17	18	19		13	14	15	16	17	18	19
	20	21	22	23	24	25	26		20	21	22	23	24	25	26
	27	28	29	30	31	..	..		27	28	29	30	..	..	..



MAP OF EASTERN VIRGINIA &c.
Scale of Miles.
78 Long. W. from 77 Greenwich

MAP OF THE
SOUTHERN
AND
SOUTH-WESTERN STATES.
ENGRAVED TO ACCOMPANY
APPLETON'S
HAND BOOK OF AMERICAN TRAVEL.

MAP OF THE
STATE OF TEXAS.
Scale of Miles.
0 20 40 60 80 100 120 140 160

Entered according to Act of Congress in year 1849, by W. Williams in the Clerk's Office of the District Court of the Eastern District of Pennsylvania.



MARYLAND.

WE pass now, in our Grand Tour of the Union, from the Northern to the Southern group of States, as we cross the famous Mason and Dixon* boundary, and enter the pleasant domains of Maryland.

The tourist will not fail to observe, even in a rapid railway transit, and upon the great highways of travel, many and striking differences between the country through which we have led him, in the preceding pages of our work, and that which we are now about to explore.

These contrasts will be less noticeable in Maryland, a border district, than beyond; and yet even here the sentiment, everywhere, of places and people, will be felt to be that of the South far more than of the North. Still, we must journey farther than Maryland and its great metropolis of Baltimore, and enter the limits of Virginia and of the Carolinas, before we shall be really in the South, and be fully impressed by its peculiar physical and social characteristics.

Though we scent, even here, the fragrant breath of the sweet South, not yet are we quite under its genial winter suns or its sultry summer heats; not yet are we in the broad shadow of its rich semi-tropical vegetation, silently peering into the weird mysteries of its dark lagoons, or gazing abroad upon its wide, verdant savannas, its rice and cotton fields and cane-brakes, inhaling the odors of its countless flowers, and listening to the music of its myriad birds; and not yet do we see, in the population, that preponderance of the African race from which come the unique social manners and customs of the land. It is upon the plantations, and in the towns farther removed, that the pictures of slave life, painted in the characters and in the habits of master and servant, must be seen and studied.

These pictures are fading in Maryland with the fading away of the slave inhabitants, yet enough remains to afford curious intimations of their character. Thus, as an index to the individualities in the people and places of the South, Maryland presents itself with most interesting claims to the attention of the

* "Mason and Dixon's Line" was located, as the boundary between Maryland and Pennsylvania, nearly a century ago. The mere fact, says a writer in recording its history, that it points out the boundary between two States of the Confederacy, would be insufficient to elevate it to a dignity beyond that of similar conventional barriers elsewhere, but it has assumed a far higher grade of importance in the political world, from having furnished, in a portion of its length, a line of demarcation between slaveholding and non-slaveholding territory. This circumstance has nearly buried in oblivion its original and simple character as a boundary between adjoining Commonwealths, and has given it, in the minds of men, certain hypothetical extensions which have changed its reputed "place of beginning," and its terminus, from time to time, until it has come to be regarded by many as extending from the Atlantic to the Pacific. It now figures in American political discussions, in this ideal character, and involves itself with some of the most difficult and most dangerous questions which agitate the public mind.

The State of Maryland—The Potomac and Patapsco Rivers.

traveller ; and not the less so in its own personal attractions of landscape and life. We will recall, in brief, a few of the leading points in the ancient and gallant history of the State.

The first settlement in Maryland was made by Leonard Calvert, brother of Lord Baltimore, in 1634, at St. Mary's. It was one of the earliest of the colonies to grant entire freedom of religious faith ; an act tolerating all creeds and sects having been passed here in 1639.

Maryland was not the theatre of any of the great battles of the Revolution ; but some important scenes of the war of 1812 took place within her borders. The territory of the State was at that period twice invaded by the British troops. They were bravely met and repulsed at the battle of North Point, in the Chesapeake (see Battle of North Point), Sept. 13, 1814.

The country which now forms the State of Maryland, was granted to Lord Baltimore by Charles I., and was named in honor of Henrietta Maria, Queen of that monarch. Maryland is one of the most northern of the slave-holding States, and the most southern of the group distinguished as the Middle States. It is one of the original thirteen.

Much of the comparatively small area of this State is covered by the waters of the Chesapeake Bay, which extends within its jurisdiction 120 miles northward. The country upon both the eastern and western shores of the Bay is generally level and sandy. The long narrow strip which extends westward is a mountainous region, crossed by several ridges of the Alleghanies. These ranges, with their intervening valleys, afford charming landscape passages to the traveller, on the route of the Baltimore and Ohio Railway, and make that highway one of the most attractive of the many leading from the eastern cities to the great west. This hill-region of Maryland abounds in rich mineral deposits. The coal lands, though not very great in area, are extremely productive. Copper mines are worked in Frederick and Carroll Counties.

Besides the culture of all the grains, fruits, vegetables, and other products of the Northern States, Maryland grows large quantities of tobacco. The State ranks, in the production of this staple, as third in the Union, and, measuring by population, as second.

The Potomac River forms the boundary line between Maryland and Virginia. Along its passage of 350 miles, from the mountains to the Chesapeake Bay, there is much beautiful and varied scenery. The landscape at its confluence with the Shenandoah, near Harper's Ferry, Virginia, has long been famous among the chief picturesque wonders of America. (See Harper's Ferry.) The Falls of the Potomac, about 14 miles above Georgetown, D.C., will repay a visit. The principal cascade is between 30 and 40 feet perpendicular pitch, and the rocky cliffs on the Virginia side of the river have a very imposing air.

The Patapsco River flows, 80 miles, from the north part of the State to the Chesapeake Bay, which it enters

after passing Waterman, and 14 miles below that city. It is navigable as far as Baltimore for large merchant ships. It is a rapid stream, and is much utilized as a water-power. The Baltimore and Ohio Railway is built along its banks, from Elkridge Landing to the mouth of the western branch.

The Susquehanna River enters the north-east corner of the State, not far from its *debouchere* into the Chesapeake.

The Elk, Choptank, Chester, Nanticoke and Pocomoke, smaller rivers, are all more or less navigable.

Baltimore from Philadelphia.

By Philadelphia, Wilmington, and Baltimore Railway, 97 miles, via Wilmington (Del.) and Havre de Grace (Md.), or by the Newcastle and French-



REFERENCE

- 1 Washington Monument
- 2 Battle Monument
- 3 Exchange
- 4 D^o Place
- 5 Custom House
- 6 D^o Stores
- 7 Post Office
- 8 Prison
- 9 Maryland Penitentiary
- 10 Susquehanna R.R. Dep.
- 11 Gas Works
- 12 Front St Theatre
- 13 Holiday St Thea.
- 14 Bal. Lib. & Assn. Bldg.
- 15 Phoenix Shot Tower
- 16 Merchants Shot Tow.
- 17 Catholic Cathedral
- 18 Baltimore Col.
- 19 St Mary's College
- 20 Eutaw House
- 21 B. & O. Phil. & Wash. and Fred. & Cumber R.R. Dep.
- 22 City Hotel
- 23 Balt. Mus. & Sch. Fine Arts
- 24 Odd Fellows Hall
- 25 Masonic Hall



The City of Baltimore.

town route. See chapter on Delaware.

BALTIMORE AND VICINITY.

BALTIMORE, one of the four great Eastern cities, with a population of over 200,000, is imposingly situated upon the Patapsco River, 12 miles from its entrance into the Chesapeake Bay, and about 200 miles, by these waters, from the sea. Built, as it is, upon hill-slopes and terraces, its appearance is, perhaps, more picturesque than that of any other city in the Union. As seen from the water, the climbing streets, crowned, at last, by dome and spire; and, soaring yet, above all, from the crest of the loftiest eminence, in the heart of all, the tall marble column of the Washington Monument, the effect is exceedingly fine; and not less so the look-down upon the city and the surrounding landscape, from the summit of this lofty pile so proudly placed.

The *Washington Monument*, chief among the structures of this kind, from which Baltimore has won the name of the Monumental City, is a very graceful work, standing upon a terrace 100 feet above the water, in an open area, at the intersection of Charles and Monument streets. Its base is 50 feet square and 20 feet high, supporting a Doric shaft 176½ feet in height, which is still surmounted by a colossal statue of Washington, 16 feet high. The total elevation is thus 312½ feet above the level of the river. The work is constructed of white marble, and cost \$200,000. The ascent is made by a winding stairway within.

Battle Monument, erected to the memory of those who fell defending the city in September, 1814, is at the corner of Calvert and Fayette streets. The square sub-base on which the pedestal or column rests, rises 20 feet from the ground, with an Egyptian door on each front, on which are appropriate inscriptions and representations, in basso-relievo, of some of the incidents of the battle. The column rises 18 feet above the base. This, which is of marble, in the form of a Roman fascis, is encircled

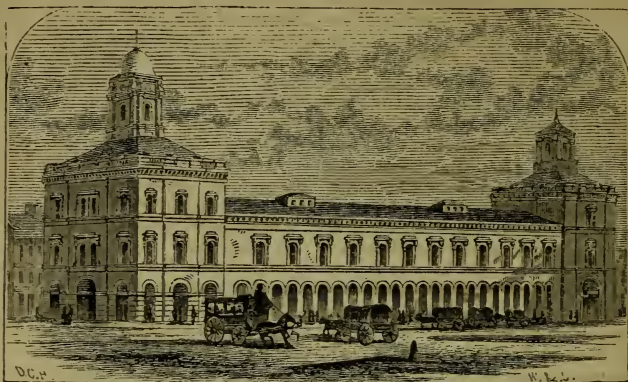
by bands, on which are inscribed, in letters of gold, the names of those whose patriotic achievements it serves to commemorate. It is surmounted by a female figure in marble, emblematic of the City of Baltimore. The whole height of the monument is 52 feet. *Armistead Monument*, near the City Fountain, was erected to the memory of Colonel George Armistead, the commander at Fort Henry, in 1814, through whose intrepidity a British fleet of 16 sail was repulsed, after having bombarded the fort for 24 hours. It consists of a base and pedestal, with tablets flanked by inverted cannon, upon which repose chain-shot and shells. It is exceedingly unique in design, and presents an admirable specimen of sculpture. Baltimore has other monuments, but they are of less pretensions than those above described.

PUBLIC BUILDINGS. The *Exchange* in Jay street, is a large and elegant structure, with a façade of 240 feet. The building has colonnades of six Ionic columns on its east and west sides, the shafts of which are single blocks of fine Italian marble of admirable workmanship. The whole is surmounted by an immense dome, the apex of which is 115 feet above the street. The *Custom House* occupies the first story of the south wing of the Exchange, fronting on Lombard street.

In the north-east is the Merchants' Bank, while the Rotunda is used for the *City Post Office*. The *Reading Room* is a fine apartment 50 feet square. The *Maryland Institute*, on Baltimore street, has a frontage of 355 feet. The first story of this immense building is occupied as a market.

The *City Hall*, on Holliday street, is a plain substantial edifice, three stories high, with a portico and entablature supported by four massive columns. It is used by the city council and other municipal offices. The *Court House*, a large and imposing edifice, on Monument Square and Lexington street, is appropriated to the city and county courts, and the offices connected with them. It is ornamented with white

The City of Baltimore.



Mechanics' Institute, Baltimore.

marble pilasters, of the modern Ionic order, and surmounted with a large cupola. Its interior arrangements render it one of the finest court-houses in the United States. The *Almshouse*, about two and a half miles from the centre of the city, in a north-west direction, is a noble building. The *State Prison* is on the corner of Madison and Forest streets.

Calvert Hall, at the corner of Baltimore and Calvert streets, contains spacious lecture and exhibition rooms. The railroad depot is an extensive and admirable building.

CHURCHES. The most imposing structure of this class is the *Catholic Cathedral*, corner of Cathedral and Mulberry streets. It is built of granite, in the form of a cross, and is 190 feet long, 177 broad, at the arms of the cross, and 127 feet high, from the floor to the top of the cross that surmounts the dome. The building is well lighted by windows in the dome, which are concealed from the view of persons below. At the west end rise two tall towers, crowned with Saracenic cupolas, resembling the minarets of a Mohammedan mosque. This church has the largest organ in the United States, having 6,000 pipes and 36 stops. It is ornamented with two excellent paintings—one, "The descent

from the Cross," was presented by Louis XVI; the other, "St. Louis burying his officers and soldiers slain before Tunis," was presented by Charles X., of France. The *Unitarian Church*, at the intersection of North Charles and Franklin streets, ranks next to the above in architectural beauty. This edifice is 108 feet long and 78 wide. In front is a colonnade, consisting of four Tuscan columns and two pilasters, which form the arcades. Above, extending around the pediment, is a cornice decorated with emblematic figures and inscriptions. From the portico, the entrance is by bronze doors, in imitation of the Vatican, at Rome—three conducting to the body of the building, and two to the galleries.

The Catholics, who are a numerous and wealthy part of the community, have various other elegant church edifices, among which may be mentioned, that of *St. Alphonsus*, at the corner of Saratoga and Parker streets, which has a spire of 200 feet; and that of *St. Vincent de Paul*, in Front street. *Grace Church*, Episcopal, corner of Monument and Park streets, is a superb specimen of the Gothic in red sandstone. Close by is another Episcopal church, also Gothic, built of gray sandstone. *St. Paul's Church* (Episcopal), at the corner

Baltimore and its Vicinage.

of Charles and Saratoga streets, is a pleasing example of the Grecian style.

The *Unitarian Church*, Charles and Franklin streets, has a dome of 55 feet in diameter, which is supported by four arches, each of 33 feet span. The *First Presbyterian Church*, Gothic, Cathedral and Franklin streets, is also worth the walk to see. The total number of churches in Baltimore is some 125.

The city is well provided, too, with educational, benevolent, and literary institutions. The *University of Maryland* is at the intersection of Green and Lombard streets; the *Washington Medical College* is upon Broadway; the *College of Loyola* is at the corner of Madison and Calvert streets. The *Athenæum*, which is at the corner of Saratoga and St. Paul streets, is occupied by the *Mercantile Library Association*, the *Baltimore Library*, and the *State Historical Society*. It is in the gallery of the Historical Society that the annual exhibitions of pictures are held. The *St. Mary's College*, an esteemed Catholic institution, is at the corner of Franklin and Green streets. *McKimm's Free School* is under the control of the Society of Friends. The *Maryland Hospital for the Insane* occupies an eminence in the western part of the city. *Mount Hope Hospital*, conducted by the Sisters of Charity, is in Madison street. Near the University, in Lombard street, is the *Baltimore Infirmary*, also under the control of the Sisters of Charity. In the western part of the city is the *Aged Widows' Home*, a new and elegant edifice. There are also two Orphan Asylums, a House of Refuge, and Almshouses.

Theatres. The *Holiday street* is in Holiday near Fayette street; the *Front street* theatre and circus are in Old Town, Front street, near Jay; the *Museum* is at the corner of Baltimore and Calvert streets; the *Charles street* theatre is at the corner of Charles and Baltimore street; and *Carroll Hall* is at the corner of Baltimore and Calvert streets.

Hotels. *Barnum's*, or the City Hotel, corner of Fayette and Calvert

streets; the *Eutaw House*, corner of Baltimore and Eutaw streets; the *Fountain Hotel*, Light, near Baltimore street, (a venerable and favorite establishment), are among the largest and most fashionable of the many hotels of the city. The Gilmore House, a new and elegant hotel, was opened in 1856. *Giles's European Hotel*, 124 Baltimore street; and the *Howard House*, Howard, near Baltimore street.

Green Mount Cemetery is a charming rural spot, about a mile and a half from Battle Monument; entrance at the junction of Belvidere street and York Avenue. The gateway is a fine stone structure; and within the grounds is an elegant chapel of brown stone.

Baltimore was first settled in 1729, and it received its name in 1745. Its growth has been rapid, and it is rapidly increasing.

Places and Scenes near Baltimore.

North Point, at the mouth of the Patapsco, was the scene of a memorable battle, September 12th, 1814, between the Americans, under General Striker, and the British, under General Ross, in which the former were defeated, and the latter lost three commanders. On the following day, September 13th, Fort McHenry was bombarded for twenty-four hours, by sixteen ships and a land force of 1,200 men. The assailants were repulsed, and the fortress left in the possession of its defenders.

This engagement at North Point and Fort McHenry, is duly celebrated in Baltimore on each recurring anniversary, and the Battle Monument was erected in commemoration thereof.

Ellicott's Mills, 15 miles from Baltimore, on the Baltimore and Ohio Railroad, is an exceedingly picturesque little place, in a bold, rocky passage of the Patapsco. (See Baltimore and Ohio Railway.)

Harper's Ferry, Va., and its wonderful scenery, may easily be reached in a few hours by railway from Baltimore.

The **Thomas Viaduct**, a magnificent granite structure, 360 feet long 65 feet

 Towns—Chesapeake Bay—Eastern Shore.

high, with many arches, is nine miles from the city, on the railway to Washington, where it branches off from the Baltimore and Ohio road.

Annapolis, the capital of Maryland, is a place of the greatest interest, from its antiquity, and its many historical associations. It is reached from Baltimore by the railway from Washington City as far as Annapolis junction, and thence 21 miles by the Annapolis and Elk Ridge Branch. The city is upon the Severn River, two miles from the Chesapeake Bay. The State House is an interesting edifice. Here is the seat of St. John's College, founded in 1784 by the Catholics, but at present supported and controlled by the Protestants. At Annapolis, also, is located the United States Naval Academy, established in 1845. Annapolis was founded in 1649. It was first called Providence, next Anne Arundel Town, and lastly, when it received a city charter in 1708, Annapolis, in honor of Queen Anne, who had presented an organ to one of its churches, and bestowed upon it other acceptable presents.

Many important events occurred in Annapolis during the period of the Revolution; and here, at the close of the conflict, occurred the memorable scene of Washington's resignation of his commission.

Frederick, one of the largest towns of Maryland, after Baltimore, is reached from that city by the Baltimore and Ohio Railway, 59 miles on the main trunk of that route to Monocacy, and thence three miles by a branch road. Frederick, with some 7,000 inhabitants, is the third city in the State, in population, and in wealth and commercial importance ranks as the second. Some popular Catholic educational establishments are located here.

Hagerstown, with a population of about 4,000, is a prosperous place, 26 miles north-west of Frederick, from which it may be easily reached by stage. The Cumberland Valley Railway, at present in operation from Harrisburg, Pa., to Chambersburg, is to be extended to this point; also the West-

minster branch of the route from Baltimore to Harrisburg, now terminating at Westminster.

Cumberland is on the Potomac River, the Chesapeake and Ohio Canal, and the line of the Baltimore and Ohio Railway, 179 miles from Baltimore city. This is one of the largest and most prosperous towns in Maryland. It is in the mountain region of the narrow strip which forms the western part of the State. For an account of the landscape attractions hereabouts, and of other places and objects of interest in Maryland, see description of the Baltimore and Ohio Railway.

 THE CHESAPEAKE BAY.

The Chesapeake is the great highway from Baltimore to the sea. It is the largest bay in the United States, its length being about 200 miles, with a breadth varying from four to forty miles. Its depth permits the passage of the largest ships, nearly to the mouth of the Susquehanna, at the upper extremity. Its shores are profusely indented with arms or estuaries of the oddest shapes, and with the mouths of tributary rivers and creeks.

The Eastern Shore of Maryland and of Virginia.—The waters of the Chesapeake cut off a large portion of Maryland, and lower down a little slice of Virginia on the east, known as the Eastern Shore of Maryland and of Virginia. These districts, in the aside position which they thus occupy out of the great current of the national life, invite the traveller by their unique specialties of social habit and character. As railway enterprise, city lot mania, and other "general orders" of the day, by which the thought and manner of the country is dragooned into universal uniform, and hurried along at forced march, have not yet entered these by-places; there may still be found in them, intact, the feeling, opinion, and life of the "Old Dominion" of a century ago—genuine "first families," with awful pedigrees, hung up in the weather-

The Chesapeake—Wild Fowl Shooting.

stained halls of antediluvian homes—manorial homes, with big doors ever open, and surrounded with lordly acres, and attended by retinues of hereditary dependents, which the slave population maintains. Here is yet preserved the old exploded idea, that the present hour, as well as the future, is worth the caring for, and life is considered a thing to be enjoyed, not in anticipation alone, but as it passes, day by day.

Let the care-worn and wearied slip into one of the unnoticed way-steamers of the Great Bay—let him land lazily at ancient Accomac, or thereabouts, and forget a little while the wrinkling perplexities of cabinets and commerce, in the quiet pleasures of simple domestic life within doors, and the genial recreations to which he will be bidden without.

Wild Fowl of the Chesapeake.—

These waters, with their tributary streams, are the most famous resort in the United States, for every species of aquatic game. Birds of all feathers are drawn hither in marvellous numbers by the abundance of food found on the great flats or shoals along the shores and upon the river inlets.

"Above around in numerous flocks are seen,
Long lines of ducks o'er this their fav'rite
scene."

"There is," says Dr. Lewis, in his *American Sportsman*, "no place in our wide extent of country, where wild-fowl shooting is followed with so much ardor as on the Chesapeake Bay and its tributaries, not only by those who make a comfortable living from the business, but also by gentlemen, who resort to these waters from all parts of the adjoining States to participate in the enjoyments of this far-famed ducking ground. All species of wild-fowl come here in numbers beyond credence, and it is really necessary for a stranger to visit the region, if he wishes to form a just idea of the wonderful multitudes and numberless varieties of ducks that darken these waters, and hover in interminable flocks over these famed feeding-grounds. It is not, however, the

variety or extraordinary numbers of ducks on the Chesapeake that particularly attracts the steps of so many shooters to these parts, as there are other rivers and streams equally accessible where wild-fowl also abound. But the great magnet that makes the shores the centre of attraction, is the presence of the far-famed CANVASS-BACK, that here alone acquires its peculiar delicacy of flavor, while feeding upon the shores and flats of these waters. It is in quest of these noble ducks that so many repair annually to the waters of the Chesapeake and its numerous tributaries, regardless of the myriads of other ducks that are seen around on every side. The shooter taxes all his energies for the destruction of this one species alone, regarding all others with contempt, as hardly worthy of powder and shot."

"The canvass-backs," says Dr. Sharpless of Philadelphia, in a paper contributed to Audubon's *Birds of America*, "pass up and down the bay, from river to river, in their morning and evening flights, giving, at certain localities, great opportunities for destruction. They pursue, even in their short passages, very much the order of their migratory movements, flying in a line or baseless triangle; and when the wind blows on the points which may lie in their course, the sportsman has great chance of success. These points or courses of the ducks are materially affected by the winds; for they avoid, if possible, an approach to the shore; but when a strong breeze sets them on to these projections of the land, they are compelled to pass within shot, and often over the land itself.

"In the Susquehanna and Elk rivers there are few of these points for shooting, and there success depends on approaching them while on their feeding-grounds. After leaving the eastern point at the mouth of the Susquehanna and Turkey Point, the western side of the Elk River, which are both moderately good for flying shooting, the first place of much celebrity is the Narrows, between Spesutic Island and the west-

Wild Fowl of the Chesapeake—Voyages down the Bay.

ern shore. These Narrows are about three miles in length, and from three to five hundred yards in breadth.

"By the middle of November, the canvass-backs, in particular, begin to feed in this passage, and the entrance and outlet, as well as many intermediate spots, become very successful stations. A few miles down the western shore is Taylor's Island, which is situated at the mouth of the Rumney and Abbey Island and at the mouth of Bush River, which are both celebrated for ducks, as well as for swans and geese. These are the most northerly points where large fowl are met with, and projecting out between deep coves, where immense numbers of these birds feed, they possess great advantages. The south point of Bush River, Legoe's Point, and Robin's and Pickett's Points, near Gunpowder River, are fruitful localities. Immediately at the mouth of this river is situated Carroll's Island, which has long been known as a great shooting ground, and is in the rentage of a company at a high rate. Maxwell's Point, as well as some others up other rivers, and even further down the bay, are good places, but less celebrated than those mentioned. Most of these places are let out as shooting-grounds for companies and individuals, and are esteemed so valuable that intruders are severely treated."

A newspaper correspondent of the past winter, in speaking of the commercial value of the aquatic game of the Chesapeake, says that at Norfolk (which is the great depot of the trade, from whence all the country, far and wide, is furnished), he saw at one house no less than thirty-one barrels, the product of one week's shooting at one spot alone, on Long Island, Back Bay.

Dangers of the Sport.—"Notwithstanding the apparent facilities that are offered of success, the amusement of duck-shooting," says Dr. Sharpless, heretofore quoted, "is probably one of the most exposing to cold and wet; and those who undertake its enjoyment without a courage 'screwed to the sticking-point,' will soon discover that

'to one good a thousand ills oppose.' It is, indeed, no parlor sport; for, after creeping through mud and mire, often for hundreds of yards, to be at last disappointed, and stand exposed on points to the 'pelting rain or more than freezing cold,' for hours, without even the promise of a shot—would try the patience of even Franklin's 'glorious nibbler.' It is, however, replete with excitement and charm. To one who can enter on the pleasure with a system formed for polar cold, and a spirit to endure the weary toil of many a stormy day, it will yield a harvest of health and delight that the roamer of the woods can rarely enjoy."

Voyage Down the Chesapeake.—From Baltimore to Norfolk, Virginia, at the lower extremity of the Chesapeake, is a pleasant journey. Good steamers make it daily. It is a charming route, also, to Richmond, turning at or near Norfolk, into the mouth of the James River, and following the many devious miles of those winding and picturesque waters.

The points of chief interest seen in the passage of the Bay, are the embouchure of the Patapsco River and the battle-ground of North Point, near Baltimore, and referred to in our mention of that city. The Bodkin, three miles distant; the harbor of Annapolis, 15 miles still below; and, in the distance, the dome of the venerable capitol in which "Washington, the great and good, set the seal to his sincerity, and finished the edifice of his glory, by voluntarily surrendering his conquering sword to the civil authority of his country. At the lower end of the bay are the famous fortifications of Old Point Comfort and the Rip Raps, protecting the entrance to Hampton Roads and James River. See chapter on Virginia for Norfolk and the James River.

THE BALTIMORE AND OHIO R. R.

In extent, commercial importance, and pictorial attraction, this great route is one of the most important and interesting in America. It unites the city

The Baltimore and Ohio Railway.

of Baltimore with the waters and valley of the Ohio, at Wheeling, 397 miles away, making one of the pleasantest and speediest of the great highways from the Atlantic to the Mississippi States. Its whole course is through a region of the highest picturesque variety and beauty, and it is itself a work of the highest artistic achievement in the continual and extraordinary display of skill which the singular difficulties of the way have called forth. It claims, too, especial consideration, and reflects the greatest honor upon the State of Maryland and its beautiful metropolis of Baltimore—as the first railway in America which was built by an incorporated company, and with the assistance of the public purse.

The corner-stone of the road was laid at the very early period in the history of railways of July 4, 1828, and on the 30th of August, 1830, the first section was opened by steam-power, 14 miles, from Baltimore to Ellicott's Mills. The trial of the first engine was made on the 25th of August of that year. On the 1st of June, 1853, the entire route, of nearly 400 miles, was completed, and on the 10th of January a formal opening of the road was made by a through excursion, with great public fêtes and rejoicings.

The following picturesque description of the journey to the West by this noble highway, is from the pen of William Prescott Smith, Esq., of Baltimore. Its graphic interest will easily excuse its length.

Leaving the city, we cross the **Carrollton Viaduct**, a fine bridge of dressed granite, with an arch of 80 feet span, over Gwynn's Falls; after which, the road soon reaches the long and deep excavation under the Washington Turnpike, which is carried over the railroad by the Jackson Bridge. Less than a mile farther the "deep cut" is encountered, famous for its difficulties in the early history of the road. It is seventy-six feet in extreme depth, and nearly half a mile in length, and the traces of the slides and gulleys of twenty odd years are to be seen upon

its furrowed sides, tinted with various ochrous colors of the richest hue. Beyond this, the road crosses the deep ravine of Robert's Run, and, skirting the ore banks of the old Baltimore Iron Company, now covered by a dense forest of cedar trees, comes to the long and deep embankment over the valley of Gadsby's Run, and the heavy cut through Vinegar Hill immediately following it.

The Relay House, eight miles from the inner station, is then reached, where, as the name imports, there was a change of horses during the period in which those animals furnished the motive power of the road.

At this point the open country of sand and clay ends, and the region of rock begins at the entrance to the gorge of the Patapsco River. In entering this defile, you have a fine view of **The Thomas Viaduct** (named after the first President of the Company), a noble granite structure of eight elliptic arches, each of about sixty chord, spanning the stream at a height of sixty-six feet above the bed, and of a total length of some seven hundred feet. This bridge belongs to the Washington Branch Road, which departs from the main line at this place. The pretty village of Elkridge Landing is in sight, and upon the surrounding heights are seen a number of country seats belonging to men of business, who reside here during the summer, tempted by the beauty of the spot and the facilities of access which the railroad affords.

The road now pursues its devious course up the river, passing the Avalon Iron Works a mile beyond the Relay House, and coming in a couple of miles farther, to the **Patterson Viaduct**, a fine granite bridge of two arches of fifty-five, and two of twenty feet span. This bridge crosses the river at the Ilchester Mill, situated at a very rugged part of the ravine. The Thistle Cotton Factory appears immediately beyond, and soon after Gray's Cotton Factory, and then the well-known and flourishing town of **Ellicott's Mills**, fourteen miles from Baltimore, covering

Scenes and Places on the Baltimore and Ohio Railway.

the bottom and slopes of the steep hills with dwellings, and their tops with churches and other public edifices. The Frederick Turnpike road passes through the town here, and is crossed by the railroad upon the **Oliver Viaduct**, a handsome stone bridge of three arches of twenty feet span. Just beyond this bridge is the Tarpeian Rock, a bold insulated mass of granite, between which and the body of the cliff the railroad edges its way. Half a mile further, we see the extensive buildings of the Union Cotton Factory scattered over the opposite hill-side, and from between two of the mills a fine cascade, pouring incessantly down from the race into the river.

The road next comes in sight of the Elysville Factory buildings, where at a circuitous bend it crosses the river upon a viaduct of three timber arches, each of one hundred and ten feet span, and almost immediately recrosses it upon one of two arches of one hundred and fifty feet span. Thence it follows the windings of the stream to the Forks, twenty-five miles from Baltimore, where, by a deep cut through a narrow neck, it turns the western branch of the river, and thus crosses its former channel twice without a bridge. Passing the Marriottsville limestone quarries, the road then crosses the Patapsco by an iron bridge fifty feet span, and dashes through a sharp spur of the hill by a tunnel four hundred feet long in mica slate rock, which forms a substantial roof without other support. For a mile or two beyond this the road runs along pretty meadow lands, but soon re-enters a crooked gorge, which it follows with many diversions of the stream from its original bed, as far as Sykeville, a village prettily situated at an opening in the valley, and showing a mill and cotton factory. This point is thirty miles from Baltimore, and the road after leaving it encounters some rough cutting through points of hard rock, after which it again emerges upon a comparatively open country, and after passing one or two rocky hills at Hood's Mill, it leaves the granite region and enters upon the gentle slopes of the

slate hills, among which the river meanders until we reach the foot of **Parr's Ridge**, dividing the waters of the Patapsco from those of the Potomac. The road crossed this ridge at first by four inclined planes, (two on each side of the ridge.) intended to be worked by stationary power, which was, however, never applied, as before the trade of the road would have justified its use, a new location was made in 1838, and a grade of eighty-two feet per mile with a cut of fifty feet at the summit was substituted for the planes, the steepest of which had upon it an inclination of about three hundred and sixty feet per mile. The new road of about five miles in length, crosses the ridge north of the old, and is but little longer.

From the summit of the ridge at the Mount Airy Station, forty-four miles from Baltimore, is a noble view westward across the Fredericktown Valley, and as far as the Catoctin Mountain, some fifteen miles distant. The road thence descends the valley of Bush Creek, a stream of moderate curves and gentle slopes, with a few exceptions, where it breaks through some ranges of trap rocks, which interpose themselves among the softer shales. The Monrovia and Ijamsville Stations are passed at Bush Creek. The slates terminate at the Monocacy River, and the limestone of the Fredericktown Valley commences. That river is crossed by a bridge of three timber spans one hundred and ten feet each, and elevated about forty feet above its bed. At this point, fifty-seven miles from Baltimore, the Frederick Branch, of three miles in length, leaves the Main Road and terminates at the city of that name, the centre of one of the most fertile, populous and wealthy sections of Maryland.

From the Monocacy to the Point of Rocks, the road having escaped from the narrow winding valleys to which it has thus far been confined, bounds away over the beautiful champaign country lying between that river and the Catoctin Mountain. This rolling region of rich limestone land is the garden of the State, and contains the

The Baltimore and Ohio Railway.

celebrated Carrollton Manor. The line for upwards of eleven miles consists of long straight stretches and fine sweeping curves, and lies near the gently rolling surface of the ground with little cutting or filling. On approaching the Point of Rocks, it passes by a cut of some extent through the ridge of breccia marble, from which the beautiful material of the columns in the Senate Chamber and Hall of Representatives of the Capitol at Washington was obtained.

The **Point of Rocks**, celebrated in the contest between the Railroad and Canal Companies, is formed by the bold profile of the Catoctin Mountain, against the base of which the Potomac River runs on the Maryland side, the mountain towering up on the opposite, Virginia, shore, forming the other barrier of the pass. Here, sixty-nine miles from Baltimore and forty-eight from Washington, the Canal and Railroad first came side by side, and a village has arisen. There is also a bridge over the river, which is about a quarter of a mile wide. The Railroad turns the promontory by an abrupt curve, and is partly cut out of the rocky precipice on the right, and partly supported on the inner side of the Canal on the left by a stone wall of considerable length. Two miles further another cliff occurs, accompanied by more excavation and walling. From hence the ground becomes comparatively smooth, and the Railroad, leaving the immediate margin of the river to the Canal, runs along the base of the gently sloping hills, passing the villages of Berlin and Knoxville, and reaching the Weyerton Factories in the pass of the South Mountain.

From this point to **Harper's Ferry**, the road lies along the foot of a precipice for the greater part of the distance of three miles, the last of which is immediately under the lofty cliffs of Elk Mountain, forming the north side of this noted pass. The **Shenandoah River** enters the Potomac immediately below the bridge over the latter, and their united currents rush rapidly over the broad ledges of rock which stretch

across their bed. The length of the bridge is about nine hundred feet, and at its western end it divides into two, the left hand branch connecting with the Winchester and Potomac Railroad, which passes directly up the Shenandoah, and the right hand carrying the Main Road, by a strong curve in that direction, up the Potomac. The bridge consists of six arches of one hundred and thirty and one arch of about seventy-five feet span over the river, and an arch of about one hundred feet span over the canal; all of which are of timber and iron and covered in, except the western arch connected with the Winchester and Potomac Railroad, which is entirely of iron, excepting the floor. This viaduct is not so remarkable for its length as for its peculiar structure, the two ends of it being curved in opposite directions, and bifurcated at the western extremity.—Harper's Ferry and all its fine points of scenery are too well known to need description here. The precipitous mountains which rise from the water's edge leave little level ground on the river margin, and all of that is occupied by the United States Armory buildings. Hence the Baltimore and Ohio Railroad has been obliged to build itself a road in the river bed for upwards of half a mile, along the outer boundary of the Government works, upon a trestle work resting on the side next the river, upon an insulated wall of masonry, and upon the other side upon square stone columns placed upon the retaining wall of the Armory grounds. After passing the uppermost building, the road runs along upon the outer bank of the canal which brings the water of the river to the works, and soon crosses this canal by a stone and timber bridge one hundred and fifty feet span. Thence the road passes up the river on the inner side of the canal, and opposite the dam at its head, about one and three-quarters of a mile from the mouth of the Shenandoah, pierces a projecting rock by a tunnel or gallery of eighty feet in length.

The view down the river through this

perforation is singularly picturesque, and presents the pass through the mountain at the confluence of the rivers in one of its most remarkable aspects. A short distance above the tunnel, where the river sweeps gradually round to the eastward in the broad smooth sheet of water created by the dam, the railroad leaves the Potomac and passes up the ravine of **Elk Branch**, which presents itself at this point in a favorable direction. This ravine, at first narrow and serpentine, becomes wider and more direct until it almost loses itself in the rolling table land which characterizes the "Valley of Virginia." The head of Elk Branch is reached in about nine miles, and thence the line descends gradually over an undulating champagne country, to the crossing of the "Opequa" Creek, which it passes by a stone and timber viaduct of one hundred and fifty feet span and forty feet above the water surface. Beyond the crossing the road enters the open valley of Tuscarora Creek, which it crosses twice and pursues to the town of Martinsburg, eighteen miles from Harper's Ferry. At Martinsburg the Tuscarora is again bridged twice, the crossing east of the town being made upon a viaduct of ten spans of forty-four feet each, of timber and iron, supported by two abutments and eighteen stone columns in the Doric style, and which have a very agreeable architectural effect. The Company have erected here large engine houses and workshops, and have made it one of their principal stations for the shelter and repair of their machinery, a measure that has greatly promoted the prosperity of the town, which like many of the old Virginia villages had previously been in a stagnant state for an almost immemorial period.

Westward from Martinsburg the route for eight miles continues its course over the open country, alternately ascending and descending until it strikes the foot of the North Mountain, and crossing it by a long excavation, sixty-three feet deep, in slate rock, through a depression therein, passes out of the Valley,

having traversed its entire breadth upon a line twenty-six miles in length. The soil of the valley is limestone, with slight exceptions, and of great fertility. On leaving these rich and well tilled lands we enter a poor and thinly settled district, covered chiefly with a forest in which stunted pine prevails. The route encounters a heavy excavation and embankment for four or five miles from the North Mountain, and crosses Back Creek upon a stone viaduct of a single arch of eighty feet span and fifty-four feet above the stream. The view across, and of the Potomac Valley is magnificent as you approach the bridge, and extends as far as the distant mountain range of Sideling Hill, 25 miles to the West. The immediate margin of the river is reached at a point opposite Fort Frederick on the Maryland side, an ancient stronghold, erected a hundred years ago, and still in pretty good preservation.

From this point, thirty miles from Harper's Ferry, the route follows the Virginia shore of the river upon bottom lands, interrupted only by the rocky bluffs opposite Licking Creek, for ten miles to Hancock. The only considerable stream crossed in this distance is Sleepy Creek, which is passed by a viaduct of two spans of one hundred and ten feet each. Hancock is in Maryland, and although a town of no great size or importance, makes some show when seen across the river from the station at the mouth of Warm Spring Run.

The route from Hancock to Cumberland pursues the margin of the Potomac River, with four exceptions. The first occurs at *Doe Gulley*, eighteen miles above Hancock, where by a tunnel of 1,200 feet in length a bend of the river is cut off, and a distance of nearly four miles saved. The second is at the Paw Paw Ridge, where a distance of nearly two miles is saved by a tunnel of 250 feet in length. The third and fourth are within six miles of Cumberland, where two bends are cut across by the route with a considerable lessening of distance.

In advancing westward from Hancock the line passes along the western base of Warm Spring Ridge, approach-

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ing within a couple of miles of the **Berkeley Springs**, which are at the eastern foot of that ridge. It then sweeps around the termination of the Cacapon Mountain, opposite the remarkable and insulated eminence called the "Round Top." Thence the road proceeds to the crossing of the Great Cacapon River, nine and a half miles above Hancock, which is crossed by a bridge about 300 feet in length. Within the next mile it passes dam No. 6 of the Chesapeake and Ohio Canal, and soon after, it enters the gap of Sideling Hill, that famous bug-bear of the traveller, which on the National Turnpike opposes such a formidable barrier to his journey, but which here is unnoticed except in the fine profile which it exhibits on each side of the river, as it declines rapidly to the water level.

In the gap of this mountain are the coal veins which the late R. Caton, Esq., with that zeal which always distinguished his researches in this branch of practical geology, endeavored to turn to profitable account. The slack water of the canal dam extends some two miles above Sideling Hill.

The next point of interest reached is the **Tunnel at Doe Gulley**. The approaches to this formidable work are very imposing, as for several miles above and below the tunnel they cause the road to occupy a high level on the slopes of the river hills, and thus afford an extensive view of the grand mountain scenery around. The tunnel is, as before mentioned, about a quarter of a mile in length, through a compact slate rock, which is arched with brick to preserve it from future disintegration by atmospheric action. The fronts or facades of the arch are of a fine white sandstone, procured from the summit of the neighboring mountain. The width of the opening within the brick work of the arch is 21 feet, and the height $20\frac{1}{2}$, affording room for two tracks. The height of the hill above the roof of the tunnel is 110 feet. The excavation and embankments adjacent are very heavy, and consist of the slate rock through which the tunnel is cut.

Above this point the line pursues the very sinuous part of the river lying between Sideling Hill on the east, and Town Hill on the west. The curves are not however abrupt, but form fine sweeping circuits, passing sometimes along beautiful alluvial bottoms and again at the foot of precipitous cliffs.

The Paw Paw Ridge Tunnel is next reached, thirty miles from Hancock, and twenty-five miles below Cumberland. This tunnel is through a soft slate rock, and is curved horizontally with a radius of 750 feet. It is of the same sectional dimensions with the Doe Gulley Tunnel, and is completely arched with brick, and fronted with white sandstone. Thence the route reaches Little Cacapon Creek, $21\frac{1}{2}$ miles from Cumberland. At the mouth of this stream there are fine flats, and a beautiful view of the mountains to the eastward.

The viaduct over the creek is 143 feet long. About five and a half miles further on, the south branch of the Potomac is crossed on a bridge 400 feet long. This is in fact the main Potomac, and would have been (as the story runs) so treated by the commissioners who determined the boundary of Maryland and Virginia, but that the north branch has the appearance, at the *confluence*, of being the larger stream. The river bottoms are here wide and exceedingly fertile, and the scenery very beautiful. The *arching* of the strata in the section of the South Branch Mountain, just above the junction, is most remarkable and grand.

Some two miles above is a fine straight line, over the widely expanded flats opposite the ancient village of Old Town, in Maryland. These are the finest bottom lands on the river, and from the upper end of them is obtained the first view of the **Knobly Mountain**, that remarkable range which lies in a line with the town of Cumberland, and is so singularly diversified by a profile which makes it appear like a succession of artificial mounds. Dan's Mountain towers over it, forming a fine back ground to the view. Soon after, the route passes the high cliffs known by

the name of Kelly's Rocks, where there has been very heavy excavation.

Patterson's Creek, eight miles from Cumberland, is next reached. Immediately below this stream is a lofty mural precipice of limestone and sandstone rock, singularly perforated in some of the ledges by openings which look like Gothic loopholes. The valley of this creek is very straight and bordered by beautiful flats. The viaduct over the stream is 150 feet long. Less than two miles above, and six miles from Cumberland, the north branch of the Potomac is crossed by a viaduct 700 feet long, and rising in a succession of steps—embracing also a crossing of the Chesapeake and Ohio Canal. This extensive bridge carries us out of Virginia and lands us once more into Old Maryland, which we left at Harper's Ferry, and kept out of for a distance of ninety-one miles.

The route thence to Cumberland is across two bends of the river, between which the stream of Evett's Creek is crossed by a viaduct of 100 feet span.

The entrance to the town of **Cumberland** is beautiful, and displays the noble amphitheatre in which it lies to great advantage, the gap of Will's Mountain, westward of the town, being a justly prominent feature of the view.

The brick and stone viaduct over Wells Creek, at Cumberland, is entitled to particular notice. It consists of 14 elliptical arches of 50 feet span and 13 feet rise, and is a well built and handsome structure.

From Cumberland to Piedmont, 28 miles, the scenery is remarkably picturesque, perhaps more so than upon any other section of the road of similar length. For the first 22 miles, to the mouth of New Creek, the Knobly Mountain bounds the valley of the North Branch of the Potomac on the left, and Will's and Dan's Mountains on the right; thence, to Piedmont, the river lies in the gap which it has cut through the latter mountain.

The following points may be specially noticed:—

The general direction of the road is

south-west, for 22 miles, to the mouth of New Creek.

The cliffs, which occur at intervals during the first 10 miles.

The wide bottom lands, extending for the next four miles, with some remarkably bold and beautiful mountain peaks in view.

The high rocky bluffs along Fort Hill, and the grand mural precipice opposite to them, on the Virginia shore, immediately below the "Black Oak Bottom," a celebrated farm embracing 500 acres in a single plain, between mountains of great height.

The Chimney Hole Rock, at the termination of Fort Hill, a singular crag, through the base of which the Railroad Company have driven a tunnel under the road to answer the purpose of a bridge for several streams entering the river at that point.

The crossing of the Potomac, from the Maryland to the Virginia shore, 21 miles from Cumberland, where the railroad, after passing through a long and deep excavation, spans the river by a bridge of timber and iron, on stone abutments and a pier. The view at this point, both up and down the river, is very fine. The bridge is a noble structure, roofed and weather-boarded. It has two spans of 160 feet each, making the total length 320 feet.

The Bull's Head Rock, a mile beyond this point the railroad, having cut through the *neck*, has left the *head* standing, a bold block of rock breasting the river, which dashes hard against it. Immediately on the other side of the cut made by the railroad through the neck, rises a conical hill of great height. The mouth of New Creek, where there is a beautiful plain of a mile or more in length, and opposite to which is the long promontory of Pine Hill, terminating in Queen's Cliff, on the Maryland side of the river. The profile and pass of Dan's Mountain is seen in bold relief to the north-west, to which direction the road now changes its course. The road skirts the foot of Thunder Hill, and winds along the river margin, bounded by Dan's Mountain and its

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steep spurs, for seven miles, up to Piedmont. The current of the river is much more rapid here than below, and islands are more frequent.

Piedmont, a flat of limited extent, opposite the small but ancient village of Westernport, at the mouth of George's Creek.

West of Piedmont the road ascends 17 miles by a grade, of which 11 miles is at the rate of 116 feet per mile, to the Altamont Summit. The points worthy of notice in this distance are—

The stone viaduct of three arches, of 56 feet span, over the Potomac River, where the road recrosses into Maryland. It is a substantial and handsome structure, and elevated 50 feet above the water. The road then winds, for five miles, up the valley of Savage River, passing the Everett Tunnel, of 300 feet in length, and 32 miles from Cumberland. This tunnel is secured by a brick arch. The winding of the road up the mountain side, along Savage River, gradually increases its elevation until it attains a height of 200 feet above the water, and placing us far above the tops of the trees growing in the valley, or rather deep ravine, on our right, presents a grand view.

The mouth of Crab-Tree Creek, where the road turns the flank of the Great Back-bone Mountain—from this point, the view up Savage River to the north, and Crab-Tree Creek to the south-west, is magnificent; the latter presenting a vista of several miles up a deep gorge gradually growing narrower; the former a bird's-eye view of a deep, winding trough bounded by mountain ridges of great elevation.

Three miles up Crab-Tree Creek is an excavation 108 feet deep, through a rocky spur of the mountain.

About five miles from its mouth, Crab-Tree Creek is first crossed by the road on an embankment of 67 feet in height, and after that several times at reduced elevations, until, in two miles more, the forks of the creek are reached at the Swanton level, where are the remains of an abandoned clearing and an old mill. Here also the old Cumber-

land and Clarksburg road crosses, the first wagon road of the country after the pack-horse had given place to the wheeled vehicle.

All the way up Savage River and Crab-Tree Creek, 11 miles to this point, the road is hung upon the rugged and uncultivated mountain side; but from Swanton to the Altamont Summit, three or four miles, it ascends along the flat bottom of a beautiful valley of gentle slopes, passing one or two pretty farms.

Altamont, the culminating point of the line, at a height of 2,626 feet above tide water at Baltimore—the dividing ridge between the Potomac and Ohio waters—is passed by a long open cut of upwards of 30 feet in depth. The great Back-Bone Mountain, now passed, towers up on the left hand, and is seen at every opening in that direction.

The Glades, which reach from Altamont to Cranberry Summit, 19 miles, are beautiful, natural meadows, lying along the upper waters of the Youghiogheny River, and its numerous tributaries, divided by ridges generally of moderate elevation and gentle slope, with fine ranges of mountains in the back-ground. The Glades have numerous arms which make charming expansions of their valleys, and afford beautiful vistas in many directions. Their verdure is peculiarly bright and fresh, and the streams watering them are of singular clearness and purity, and abound in fine trout.

Oaklands is a promising village 54 miles west of Cumberland. It is newly laid out, and already shows a respectable number of good frame houses. From this point a magnificent view of the broad Glade eastward and the mountain beyond it is obtained.

The crossing of the great **Youghiogheny River** is by a viaduct of timber and iron—a single arch of 180 feet span resting on stone abutments. The site of this fine structure is wild; the river running here in a woody gorge.

The crossing of the Maryland and Virginia boundary line is 60 miles from Cumberland.

The Falls of Snowy Creek, where the road, after skirting a beautiful glade, enters a savage-looking pass through a deep forest of hemlocks and laurel thickets, the stream dashing over large rocks and washing the side of the road but a few feet below its level.

The forks of Snowy Creek, where three branches come together, making a broad valley west of the pass just described.

The Cranberry Swamp Summit (63½ miles from Cumberland) at the head of Snowy Creek, falling into the Youghiogheny, also of Salt Lick Creek, emptying into Cheat River. A village shows its beginnings here. The ground on the margin of the road is flat (as its name imports) yet its elevation above tide water is 2,550 feet, and but 76 feet lower than Altamont Summit.

The descent of 12 miles to Cheat River presents a rapid succession of very heavy excavations and embankments, and two tunnels, viz., the McGuire Tunnel of 500, and the Rodemer Tunnel of 400 feet in length, secured by heavy timbers preparatory to arching with brick. There is also a stone and iron viaduct over Salt Lick Creek 50 feet span and 50 feet high. The creek passes through a dense forest of fir trees in its approach to the river.

Cheat River is a dark rapid mountain stream, whose waters are of a curious coffee-colored hue, owing, it is said, to its rising in forests of laurel and black spruce on the highest mountain levels of that country. This stream is crossed by a viaduct consisting of two arches 180 and 130 feet span, of timber and iron on stone abutments and pier. The masonry, built from a fine free-stone quarry close at hand, is remarkably substantial and well looking.

The ascent of the Cheat River Hill comes next. This is decidedly the most imposing section of the whole line—the difficulties encountered in the four miles west of the crossing of the river being quite appalling. The road, winding up the slope of Laurel Hill and its spurs, with the river on the right hand, first

crosses the ravine of Kyer's Run 76 feet deep, by a solid embankment; then, after bold cutting, along a steep, rocky hill-side, it reaches Buckeye Hollow, the depth of which is 108 feet below the road level, and 400 feet across at that level; some more side cutting in rock ensues, and the passage of two or three coves in the hill-side, when we come to Tray Run, and cross it 150 feet above its original bed by a line of trestling 600 feet long at the road level. Both these deep chasms have solid walls of masonry built across them, the foundations of which are on the solid rock, 120 and 180 feet respectively below the road height. They are crossed on elegant cast-iron viaducts.

After passing these two tremendous clefts in the mountain side, the road winds along a precipitous slope with heavy cutting, filling, and walling, to Buckhorn Branch, a wide and deep cove on the western flank of the mountain. This is crossed by a solid embankment and retaining wall 90 feet high at its most elevated point. Some half mile further, after more heavy cuts and fills, the road at length leaves the declivity of the river, which, where we see it for the last time, lays 500 feet below us, and turns westward through a low gap, which admits it by a moderate cutting, followed soon, however, by a deep and long one through Cassidy's Summit Ridge to the table land of the country bordering Cheat River on the west. Here, at 80 miles from Cumberland, we enter the great western coal-field, having passed out of the Cumberland field at 35 miles from that place. The intermediate space, although without coal, will be readily supplied from the adjacent coal basins.

Descending somewhat from Cassidy's Ridge, and passing by a high embankment over the Brushy Fork of Pringle's Run, the line soon reaches the Kingwood Tunnel, of 4,100 feet in length, the longest finished tunnel in America.

Leaving Kingwood Tunnel, the line for 5 miles descends along a steep hill-side to the flats of Raccoon Creek, at Simpson's. In this distance it lies high

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above the valley, and crosses a branch of it with an embankment 100 feet in elevation. There are two other heavy fills further on. Two miles west of the Kingwood Tunnel is Murray's Tunnel, 250 feet long, a regular and beautiful semicircular arch cut out of a fine solid sandstone rock, overlaying a vein of coal six feet thick, which is seen on the floor of the tunnel.

From Simpson's, westward, the route pursues the valleys of Raccoon and Three Forks Creeks, which present no features of difficulty to the mouth of the latter, 101 miles from Cumberland, at the Tygart's Valley River, where the railroad to Parkersburg diverges from that to Wheeling. The distance to these two places (which are 90 miles apart on the Ohio River) is nearly equal, being 104 miles to the former, and 99 to the latter.

Fetterman, a promising-looking village, two miles west of the last point, and 103½ miles from Cumberland. Here the turnpike to Parkersburg and Marietta crosses the river. The route from Fetterman to Fairmont has but one very striking feature. The Tygart's Valley River, whose margin it follows, is a beautiful and winding stream, of gentle current, except at the Falls, where the river descends, principally by three or four perpendicular pitches, some 70 feet in about a mile. A mile and a half above Fairmont the Tygart's Valley River and the West Fork River unite to form the Monongahela—the first being the larger of the two confluents.

A quarter of a mile below their junction, the railroad crosses the **Monongahela**, upon a viaduct 650 feet long and 39 feet above low water surface. The lofty and massive abutments of this bridge support an iron superstructure of three arches of 200 feet span each, and which forms the *largest iron bridge in America*.

The road, a mile and a half below Fairmont, leaves the valley of the beautiful Monongahela and ascends the winding and picturesque ravine of Buffalo Creek, a stream some twenty-five

miles in length. The creek is first crossed five miles west of Fairmont, and again at two points a short distance apart, and about nine miles further west.

About eleven miles beyond Fairmont we pass the small hamlet of Farmington, and seven or eight miles further is the thriving village of "Mannington," at the mouth of Piles' Fork of Buffalo. There is a beautiful flat here on both sides of the stream, affording room for a town of some size, and surrounded by hills of a most agreeable aspect. Thence to the head of Piles' Fork, the road traverses at first a narrow and serpentine gorge, with five bridges at different points, after which it courses with more gentle curvatures along a wider and moderately winding valley, with meadow land of one or two hundred yards broad on one or other margin. Numerous tributaries open out pretty vistas on either hand. This part of the valley, in its summer dress, is singularly beautiful. After reaching its head at Glover's Gap, 28 miles beyond Fairmont, the road passes the ridge by deep cuts, and a tunnel 350 feet long, of curious shape, forming a sort of Moorish arch in its roof. From this summit, (which divides the waters of the Monongahela from those of the Ohio,) the line descends by Church's Fork of Fish Creek—a valley of the same general features with the one just passed on the eastern side of the ridge.

The road now becomes winding, and in the next four miles we cross the creek on bridges eight times. We also pass Cole's Tunnel, 112 feet, Eaton's Tunnel, 170 feet, and Marten's Tunnel, 180 feet long—the first a low-browed opening, which looks as if it would knock off the smoke-pipe of the engine; the next a regular arched roof, and the third a tall narrow slit in the rock, lined with timbers lofty enough to be taken for a church steeple.

The Littleton Station is reached just beyond, and Board Tree Tunnel is soon at hand.

Leaving Board Tree Tunnel, the line descends along the hill-side of the North

Routes to Washington City.

Fork of Fish Creek, crossing ravines and spurs by deep fillings and cuttings, and reaching the level of the flats bordering the Creek at Bell's Mill; soon after which it crosses the creek and ascends Hart's Run and Four Mile Run to the Welling Tunnel, 50 miles west of Fairmont, and 28 from Wheeling. This tunnel is 1,250 feet long, and pierces the ridge between Fish Creek and Grave Creek. It is through slate rock like the Board Tree Tunnel, and is substantially propped with timbers.

From the Welling Tunnel the line pursues the valley of Grave Creek 17 miles to its mouth at the Flats of Grave Creek on the Ohio River, 11 miles below Wheeling. The first five miles of the ravine of Grave Creek is of gentle curvature and open aspect, like the others already mentioned. Afterwards it becomes very sinuous, and the stream requires to be bridged eight times.—There are also several deep cuts through sharp ridges in the bends of the creek, and one tunnel 400 feet long at Shepard's, 19 miles from Wheeling.

The approach to the bank of the **Ohio River**, at the village of Mounds-

ville, is very beautiful. The line emerging from the defile of Grave Creek, passes straight over the "flats" which border the river, and forming a vast rolling plain, in the middle of which looms up the "great Indian mound," eighty feet high and two hundred feet broad at its base. There is also the separate village of Elizabethtown, half a mile from the river bank, the mound standing between two towns and looking down upon them both. The "flats" embrace an area of some 4,000 acres, about three-fourths of which lies on the Virginia, and the remaining fourth on the Ohio side of the river. The soil is fertile and well cultivated, and the spot possesses great interest, whether for its agricultural richness, its historic monuments of past ages, or the beauty of its shape and position as the site for a large city.

About three miles up the river from Moundsville, the "flats" terminate, and the road passes for a mile along rocky narrows washed by the river, after which it runs over wide, rich, and beautiful bottom lands, all the way to Wheeling.

THE DISTRICT OF COLUMBIA.

THE District of Columbia is a *sui generis* tract, neither State or Territory, but set apart, *pro bono publico*, as the seat of the Federal Government. It was ceded to the United States for this purpose by Maryland. It occupies an area of sixty square miles. Originally its measure was one hundred square miles, the additional forty coming from Virginia. This part of the cession, however, was re-troceded in 1846. It embraced what is now Alleghany County, Virginia, in which the city of Alexandria is included. The present cities of the District are Washington the National Capital, and Georgetown, close by. Maryland lies upon all sides, except the southwest, where it is separated from Virginia by the Potomac River.

The District of Columbia is governed directly by the Congress of the United States, and its inhabitants have no representation, and no voice in the Federal elections.

Route from Baltimore to Washington City.

The railway from Baltimore to Washington, 40 miles, is over the Baltimore and Ohio route, to the Relay House,

nine miles, and thence by the Washington Branch Road, 31 miles. Immediately upon leaving the route of the Baltimore and Ohio Road, the traveller passes over the Thomas Viaduct, a grand structure across the valley of the

Washington and Vicinity.

Patuxent. The Branch route for Annapolis, the capital of Maryland, leaves the Washington road at the Annapolis Junction, 18 miles. Passing Bladensburg, and approaching within a few miles of the city, the grand walls and domes of the Capitol, upon its lofty terrace height, make a magnificent feature in the landscape. The terminus of the road is near the foot of the Capitol Hill.

WASHINGTON AND VICINITY.

Washington City, the political capital of the United States, is in the District of Columbia, near the banks of the Potomac River. It is 40 miles distant from Baltimore, 136 from Philadelphia, and 226 from New York, with which cities, as well as with all the chief towns of the Union, it is connected by railway. When the original plan of Washington shall be realized in its full growth to the proportions it was designed to reach—as may yet happen—it will be in its own right, and without the aid of its official position, one of the great cities of the Union. It would be difficult to invent a more magnificent scheme than that of the founder of Washington, or to find a location more eligible for its successful execution. Its easy access from the sea gives it every facility for commercial greatness, and its varied topography almost compels picturesque effect and beauty.

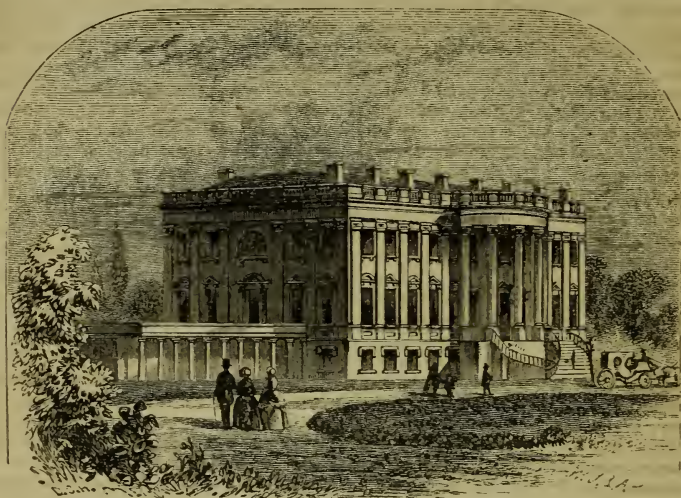
The site was chosen by Washington himself, and it was he who laid the corner-stone of the Capitol. This was on the 18th of September, 1793, seven years before the seat of government was removed thither from Philadelphia.

The scene from the lofty position of the dome of the Capitol, or from the high terrace upon which this magnificent edifice stands, is one of unrivalled beauty, and it gives the visitor at once and thoroughly, a clear idea of the natural advantages of the region, and of the character, extent, and possibilities of the city. Looking eastward, for the space of a mile or more, over a

plain yet scarcely occupied, the eye falls upon the broad and beautiful waters of the Potomac, leading by Alexandria and the groves of Mount Vernon, to the sea. Turning westward, it overlooks the city as it at present exists, upon the great highway of Pennsylvania Avenue, to its obstruction, a mile off, by the white walls of the President's House, the Avenue dropping toward its centre, as a hammock might swing between the two elevated points. Around, on other rising grounds, the various public edifices are seen with fine effect; and, turning again to the left, the view takes in the broad acres of the new national Park, in which are the many unique towers of the Smithsonian Institute, and the soaring shaft of the Washington Monument; off, in the distance, across Rocky Creek, are the ancient-looking walls and roofs of Georgetown.

After a very hasty general peep at the city, the visitor will, of course, turn first to the public edifices, which form its especial attraction.

The Capitol, in its magnitude and in its magnificence of marble and domes, and upon its bold terrace height, will have attracted his curious wonder miles distant, whichever way he may have approached. The corner-stone, as we have said, of this imposing structure was laid by Washington himself, Sept. 18, 1793. In 1814, it was burned by the British, together with the Library of Congress, the President's House, and other public works. In 1828 it was entirely repaired, and in 1851 (July 4), President Fillmore laid the corner-stone of the new buildings, which make the edifice now more than twice its original size. Its whole length is 751 feet, and the area covered is $3\frac{1}{2}$ acres. The surrounding grounds, which are beautifully cultivated and embellished by fountains and statuary, embrace from 25 to 30 acres. The Senate Chamber and the Hall of Representatives of the Congress of the United States, are in the wings of the Capitol, on either side of the central building. The grand rotundo contains eight large



The President's House, Washington.

pictures, illustrating scenes in American history, painted for the Government by native artists. The edifice is also embellished, both within and without, by many other works of the pencil and of the chisel: chief among them is Greenough's colossal marble statue of Washington, which stands on the broad lawn, before the eastern façade.

The President's Mansion, or the White House, as it is popularly called, is a mile west of the Capitol, upon a high terrace, at the opposite extremity of Pennsylvania Avenue. The lawns around, containing some twenty acres, drops gradually towards the Potomac River. This elegant but not imposing edifice is built of free-stone, painted white. It is two stories high, 170 feet long, and 86 feet deep. On the north point, upon Pennsylvania Avenue, the building has a portico, with four Ionic columns, under which carriages pass. A circular colonnade of six Doric pillars adorns the Potomac front. In the centre of the lawn, across the Avenue, on the north, is Clark Mills' bronze equestrian statue of General Jackson, erected in

January, 1853. Near the President's Mansion, on the one side, are the very plain buildings of the Navy and the War Departments; and, on the other side, are those of the State and the Treasury Departments.

The Treasury Department is a new and imposing stone structure, 340 feet long and 170 wide. Its total length, when completed, will be 457 feet. The east front, on the bend in the Avenue, (made by the intervention of the grounds occupied by the President's Mansion), is embellished by 42 Ionic columns.

The General Post-Office is upon E Street, midway between the President's House and the Capitol. It is built of white marble, and its grand dimensions give it an imposing air.

The Patent Office (Department of the Interior), is near the edifice of the General Post Office; when completed it will cover an entire square, and will be one of the largest and most interesting of all the government structures. Here the visitor may see the models of the countless machines which have grown

Washington and Vicinity.

out of the inventive Yankee brain, and also the cabinets of natural history collected by the exploring expeditions. Here, too, are preserved many most interesting relics of Washington and of Franklin, and the presents of foreign governments.

The *Smithsonian Institute* is within the area of the New Park, west of the Capitol, and south of Pennsylvania Avenue. This noble institution was endowed by James Smithson, Esq., of England, "for the increase and diffusion of knowledge among men." The edifice is constructed of red sandstone, in the Norman or Romanesque style. Its length is 450 feet; its breadth, 140; and it has nine towers, from 75 to 150 feet high. It contains a lecture room, capacious enough to hold 2,000 auditors; a museum of natural history, 200 feet in length; a superb laboratory; a library room, large enough for 100,000 volumes; a gallery for pictures and statuary, 120 feet in length.

The *National Monument to Washington*, is also within the area of the New Park. The base is to be circular temple, 250 in diameter, and 100 feet high, upon which there is to be a shaft of 70 feet base, and 500 feet high; the total elevation of the monument being 600 feet. The temple is to contain statues of Revolutionary heroes and relics of Washington. It is to be surrounded by a colonnade of thirty Doric pillars, with suitable entablature and balustrade. Each State contributes a block of native stone or other material, which is to be placed in the interior walls.

The *National Observatory* is located upon the Potomac, and is under the supervision of Lieutenant Maury.

The *Navy Yard*, on the Eastern Branch, about three-fourths of a mile south-east of the Capitol, has an area of 27 acres, enclosed by a substantial brick wall. Within this enclosure, besides houses for the officers, are shops and warehouses, two large ship houses, and an armory, which, like the rest of the establishment, is kept in the finest order.—The *Navy Magazine* is a large

brick structure, situated in the south-east section of a plot of 70 acres, the property of the United States, on the Eastern Branch.

The *Congressional* or *National Cemetery*, is about a mile east of the Capitol, near the Anacosta, or eastern branch. Its situation is high, and commands fine pictures of the surrounding country.

The principal public buildings of the city (not national), are the City Hall in North D street, between Fourth and Fifth streets; the Columbia College, in the immediate vicinage of the city; the Medical College, and some fifty church edifices.

The *Hotels* and boarding-houses are numerous, as they of course must be, in a city so thronged with strangers. Among the leading establishments are Brown's, the National, Gadsby's, Willard's, the United States, the Irving, &c.

The residents of Washington number about 55,000; but this estimate is greatly increased during the sittings of Congress, by a very large floating population.

THE VICINITY OF WASHINGTON.

Georgetown is so near as to be almost part and parcel of the Capital. It is at the head of navigation on the Potomac, on high and broken ground. Many elegant mansions, the residences of some of the foreign ministers among them, occupy the "Heights" of the city. Oak Hill Cemetery is a spot of much beauty. An important Catholic College, with both male and female schools, is located here. Population is perhaps nearly 9,000.

The *Great Falls of the Potomac*, a scene of remarkable interest, are 13 miles above Georgetown. The Little Falls are three miles away only. Washington is to be supplied with water by an aqueduct from these falls.

Alexandria, Va., is upon the banks of the Potomac, seven miles below the Capital. It was once within the District of Columbia, but was retroceded to Virginia in 1846, with all the territory of that State which had been before

a portion of the national ground. The population of Alexandria is about 9,000.

Bladensburg, a small village in Maryland, on the eastern branch of the Potomac, 6 miles from the Capitol, on the Baltimore and Washington Railway, is famous as the Congressional duelling ground.

Mount Vernon, sacred as the home and tomb of Washington, is upon the west bank of the Potomac, 15 miles below the Capital, and eight miles from Alexandria.

The old tomb which is now fast going to decay, occupies a more picturesque situation than the present one, being upon an elevation in full view of the river. The new tomb into which the remains were removed in 1830, and subsequently placed within a marble sarcophagus, stands in a more retired situation, a short distance from the house. It consists of a plain, but solid

structure of brick, with an iron gate at its entrance, through the bars of which may be seen two sarcophagi of white marble, side by side, in which slumber in peaceful silence, the "Father of his country," and his amiable consort.

The trouble of getting to Mount Vernon is perhaps the greatest drawback in a visit to the "tomb of Washington," there being no regular and expeditious conveyance to it. 'Tis true the Potomac steamer passes it on its way from Washington to the railroad terminus at Acquia Creek, giving passengers a glimpse of the general view only. But to visit it at one's convenience it will be necessary to go from Washington to Alexandria, 8 miles, which is accomplished by steamboat, at an expense of twelve and a half cents. At the latter place hire a private conveyance to Mount Vernon, 7 miles farther, which may cost perhaps three dollars.

VIRGINIA.

VIRGINIA,* in the abundance and quality of her political and romantic reminiscences and suggestions, is unquestionably the laureate of our great sisterhood of nations. She was born of the most gallant and creative spirit, and in the most daring and chivalrous days which the world has ever known—the memorable and mighty age of Elizabeth—herself, perhaps, only the hard, unyielding flint, yet majestically striking the light of thought and action from all the dormant genius and power, which came within the range of her influence. Our queenly State grew up a worthy daughter of her great parentage; and in all her history has evinced, as she still perpetuates, its noble spirit. Her whole story is replete with musings for the poet, and philosophy for the historian. What a web of romance may yet be woven from the record of the trials and hairbreadth escapes of her infant life; from the first days of the restless Raleigh; through all the bold exploits of the gallant Smith, the troublesome diplomacy of the wily Opeacacanough, the dangerous jealousy of Powhattan, the plots of the treacherous Bacon, to the thrilling drama of the gentle Indian princess. And again, in olden days—in the days of border strife, of bold struggle with the united strategy and cruelty of the French intruder, and the revengeful red-skin, she gives us chronicles which, while scarcely yielding in dramatic interest to the incidents of earlier periods, rise higher in the force of moral teachings; while yet again, onward and later, there opens to us the still more thrilling and more lofty story of her mature life, in the proud deeds and grand results of her participation in our eventful Revolution. The be-all and the end-all of that achievement it is not our place now to ask. Much as the world has seen, and much more as it hopes, of mighty consequence, the stupendous effect is not yet

* The "Romance of American Landscape."

Eminent Men—Natural Beauties.

felt, nor yet dreamed of, perhaps; but, for what has come, and for what will come, to Virginia belongs much of the glory—the glory of striking the first blow, by uniting the colonies in resistance to border encroachment; while the last blow, thirty long struggling years beyond, fell also from her gauntleted hand, when the conquered Cornwallis laid down his shamed sword on the plains of Yorktown. Virginia then led the sounding shout of freedom and empire, which has danced in glad echoes over the Alleghanies, skimmed the vast valleys of the Mississippi and the prairies of the Great West, crossed the snow-clad peaks of the Rocky Mountains, and kissed the far-off floods of the Pacific—a shout which now, more than ever, fills the rejoicing air, and which must grow in grandeur and melody, until it shall exalt and bless the heart of all the earth.

Among the proudest boasts that Virginia may make, is the extraordinary number of great men which she has given to the nation. During half the lifetime of the Republic, its highest office has been conferred upon her sons, who have, in turn, nobly reflected back upon the country the honors they have received. Not only has she been the mother of many and the greatest of our Presidents, but she has reared leaders for our armies and navies, lawgivers for our Senates, judges for our tribunals, apostles for our pulpits, poets for our closets, and painters and sculptors for our highest and most enduring delight. Scanning the map of Middle Virginia, the eye is continually arrested by hallowed shrines—the birthplaces, the homes, and the graves of those whom the world has most delighted to honor. Here, we pause within the classic groves of Monticello, and look abroad upon the scenes amidst which Jefferson so profoundly studied and taught the world. There, in the little village of Hanover, the burning words of Patrick Henry first awakened the glowing fire of liberty in the bosoms of his countrymen; and here, too, the great Clay was nurtured in that lofty spirit of patriotism, from which sprung his high and devoted public services. Not far off, we may bend again, reverently, over the ashes of Madison and Monroe, of Lee and Wirt, and of a host of others, whom but to mention would be a fatiguing task.

Yet there remains unspoken, though not forgetfully, one other name, the first and greatest—not of Virginia only, not of this wide Republic alone, but of the world itself—a name which may well, and without other laurel, glorify the brow of a nation—the immortal name of WASHINGTON!

It is a pity that Virginia, while no less singularly interesting in her physical than in her moral aspect, has thus far won so little of the attention of our landscapists. Despite the extent and variety of her scenery, from the alluvial plains of the eastern division, through the picturesque hills and dales of the middle region, onward to the summits of the Blue Ridge, with their intervening valleys and mountain streams and water-falls—the white cotton umbrella of the artist has scarcely ever been seen to temper its sunshine, except in a few instances of particularly notable interest—as the Natural Bridge and the grand views near Harper's Ferry. The landscape of Virginia is every where suggestive; and even in the least varied regions continually rises to the beauty of a fine picture. There are the rich valleys of the James and the Roanoke Rivers, said to resemble, in many of their characteristics, the scenery of the Loire and the Garonne; and, far off among the hills, are the rushing and plunging waters of the great Kanawha, and the beetling cliffs of New River.

In the very heart of these natural delights, and superadded to all the political and historical associations at which we have hinted, Virginia attracts us by a wealth of health-giving waters, in the form of mineral springs, in number and nature infinite, where people “go on crutches, looking dismal, and come away on legs, with their faces wreathed in smiles—go with limbs stiffened into pot-hooks-and-hangers, and leave endowed with a good *jointure*—go like shadows,

Railways—Richmond.

but do not so depart." Magic Waters which, as Peregrine Prolix says, according to popular belief, cure yellow jaundice, white swelling, blue devils, and black plague; scarlet fever, spotted fever, and fever of every kind and color; hydrocephalus, hydrothorax, hydrocele, and hydrophobia; hypochondria and hypocrisy; dyspepsia, diarrhoea, diabetes, and die-of-any-thing; gout, gormandizing, and grogging; liver complaint, colic, and all other diseases and bad habits, *except chewing, smoking, spitting and swearing.*

For your health or pleasure, dear traveller, we shall conduct you, anon, to these high and mighty shrines of Hygiene, the Virginia Springs.

RAILWAYS IN VIRGINIA.

The links of the Great Northern and Southern route, from Acquia Creek, on the Potomac, to Fredericksburg, 15 miles; to Richmond, 60; to Petersburg, 22; to Weldon, N. C., 63.

The Seaboard and Roanoke, in the south-east corner of the State, 80 miles from Portsmouth and Norfolk to Weldon, N. C., on the New York and New Orleans route.

The Richmond and Danville extends 141 miles southwest from Richmond to Danville, on the North Carolina boundary.

The Petersburg and Lynchburg road extends from Lynchburg, 123 miles, to Petersburg, on the Great Northern and Southern line, and thence, 10 miles, to City Point, on James River. It intersects the Richmond and Danville road, about midway, at Burkesville.

The Virginia and Tenn see Railway extends from Lynchburg, 204 miles, to Bristol, to be continued to Knoxville, Tennessee.

The Virginia Central Railway extends westward, 173 miles, to Goshen, passing through Hanover, Louisa, Gordonsville, Charlottesville, Staunton, and other places. Route to the Virginia Springs, Weir's Cave, etc.

The Orange and Alexandria Railway, from Alexandria, D. C., to Gordonsville, 88 miles. *Stations.*—Alexandria to Springfield, 9 miles; Burke's, 14; Fairfax, 17; Union Mills, 23; *Manassus*, 27 (junction of Manassus Gap Road); Bristol, 31; Weaversville, 38; Warrenton Junction, 41 (Branch nine miles to Warrenton); Culpepper, C. H.,

62; Orange, C. H., 79; Gordonsville, 88; unites with the Virginia Central.

Manassus Gap, from Manassus (Orange and Alexandria road) 88 miles to Strasburg.

Winchester and Potomac Railway, 32 miles from Winchester to Harper's Ferry (Baltimore and Ohio Railroad).

Roanoke Valley road, 22 miles, from Clarksville to Ridgeway, on the Raleigh and Gaston Railway, N. C.

The North Western Railway (north-west corner of the State) extends from Grafton, on the line of the Baltimore and Ohio road, to Parkersburg, on the Ohio River.

The Baltimore and Ohio Railway, 397 miles from Baltimore to Wheeling, is partly in Maryland and partly in Virginia. It follows the route of the Potomac River, the dividing line for a long way between the two States. See Maryland for further account of this road.

Richmond, the capital of the "Old Dominion," as Virginia is familiarly called, is in the eastern part of the State, directly on the line of the great railway mail route from New England to New Orleans, through Boston, New York, Philadelphia, Baltimore, Washington, Charleston, and other cities, about 100 miles in a straight line south by west of Washington, from which city it is reached by steamboat down the Potomac River to Acquia Creek, and thence through Fredericksburg by railway, or, more leisurely, from Baltimore and from Philadelphia, every Wednesday and Saturday, and from New York every Saturday, by steamer, outside sea voyage, except from Balti-

Richmond—The Capitol.

more, whence the way leads down the Chesapeake Bay, and then (as from New York and Philadelphia) up the James River.

Richmond, as first seen approaching by the river, is a city seated on a hill, says a traveller, and has the imposing aspect of a large and populous capital. It owes this, its first dignity, in some measure to the happy and elevated position of its Capitol, which stands on Shockhoe Hill, and afar off has a handsome and classical appearance; when, however, you approach within criticising distance, it loses some of that enchantment which distance ever lends the view. Though Richmond is not a great capital, it is, nevertheless, a flourishing and interesting city, and now probably contains nearly 33,000 inhabitants, two-thirds of this number being white, and the rest black, free or slave. It has been the scene of some historical events of great dignity and importance. The Capitol stands—we still quote the traveller, whose words we have, with some variation, used in the last sentences—on an elevated plain, near the brow of Shockhoe Hill, and its front looks towards the valley of James River, and over the compact part of Richmond. The view from the portico is extensive, various, and beautiful. It is a Græco-American building, having a portico at one end consisting of a colonnade, entablature, and pediment, whose apical angle is rather too acute. There are windows on all sides, and doors on the two longer sides, which are reached by high and unsightly double flights of steps placed sidewise, under which are other doors leading to the basement.

Entering by one of the upper doors, an entry leads to a square hall in the centre of the building, surmounted by a dome which transmits light from above. The Hall is about forty feet square, and about twenty-five above the floor; has a gallery running round it, in which are nine doors, communicating with various apartments. There are eight niches in the walls, in one of which is a marble bust of La Fayette.

Virginia could now, easily and honorably, fill six of the remaining seven. Patrick Henry, Thomas Jefferson, James Madison, James Monroe, John Randolph, and John Marshall, would almost complete the octave.

In the centre of the square hall above described, there is a marble statue of GEORGE WASHINGTON, on which the sculptor's legend reads: "*Fait par Houdon Citoyen Français, 1788.*"

The statue is mounted on a rectangular pedestal, four and a half feet high, on one of the larger sides of which is the following honest and affectionate inscription:

"The General Assembly of the Commonwealth of Virginia, have caused this statue to be erected, as a monument of affection and gratitude to

GEORGE WASHINGTON;

who, uniting to the endowments of the Hero the virtues of the Patriot, and exerting both in establishing the Liberties of his Country, has rendered his name dear to his Fellow Citizens, and given the world an immortal example of true Glory. Done in the year of

CHRIST

One Thousand Seven Hundred and Eighty-Eight, and in the Year of the Commonwealth the Twelfth."

The simplicity, dignity, and truth of that inscription are worthy of the great original commemorated, and of the young and chivalric State, whose ready gratitude so early erected this lasting monument, and overflowed in language so beautiful and appropriate.

The statue (like the inscription) is an honest Christian statue, and is decently clad in the uniform worn by an American General during the Revolution, and not half covered by the semi-barbarous and pagan toga, with throat uncovered and naked arm, as if prepared for the barber and the bleeder. It is of the size of life, and stands resting on the right foot, having the left somewhat advanced, with the knee bent. The left hand rests on a bundle of fasces, on which hang a military cloak and a small sword, and against which leans a plough. The feet are plunged in whole boots, which are strapped to the knee-

buttons of the breeches, which are surmounted by an old-fashioned waistcoat, fortified with deep flaps and most capacious pockets. Military spurs defend the heels, and a capital pair of Woodstock gloves the hands. The head wears no hat, and has the hair in the fashion of forty years ago, and looks just like his, when he raised his hat in answer to the salutation of some humble fellow-citizen encountered in his morning walk in Chestnut street. The attitude is natural and easy, and the likeness to the great original is strong.

The same generous and patriotic spirit which so early enriched Virginia with this famous work of Houdon, will soon be yet more strikingly seen, in the grand bronze sculptures from the *atelier* of the eminent American artist, Crawford, which are to be erected upon the noble terrace-height surrounding the Capitol. This new and magnificent contribution of Virginia to the art of the country, will be a colossal equestrian statue of Washington, elevated upon a grand pedestal or base, which will be embellished with historic scenes in bas-relief, and supported at each angle by statues of other illustrious sons of the State.

Besides the Capitol, the City Hall, the Penitentiary, the Custom House, are note-worthy edifices. The City Hall is an elegant structure, at an angle of the Capitol Square; the Penitentiary has a façade of 300 feet, near the river, in the west suburb of the city. The estimated cost of the Custom House is nearly half a million of dollars.

Among the churches of Richmond, over 30 in number, is some architectural skill worth observing. The Monumental Church (Episcopal) stands where once stood the Theatre, so disastrously burned in 1811, at the sad sacrifice of the life of the Governor of the State, and more than sixty others of the ill-fated audience in the building at the time.

Richmond College, here, was founded by the Baptists in 1832. *St. Vincent's College* is under the direction of the Catholics. The Medical Department of

Hampden and Sydney College, established in 1838, occupies an attractive building of Egyptian architecture.

The Rapids or Falls of James River, which extend six miles above the city, and have a descent of 80 feet, afford valuable water power. The navigation of the river is opened above the city by the assistance of a canal which overcomes the rapids. The city is supplied with water from the river, by means of forcing-pumps, which furnish three reservoirs of 1,000,000 of gallons each. Richmond is connected by three bridges with Manchester and Spring Hill.

The railway system, of which Richmond has become the centre, is adding daily to its extent and wealth. The Richmond and Petersburg Railroad is its first route southward on the great Northern and Southern transit, and the line from Fredericksburg the first to the northward. The Central Railway, after leaving the city, makes a long excursion to the north, and then turns westward into the interior of the State—the region of the famous Springs. It is completed already 173 miles to Goshen, via Gordonsville, Charlottesville and Staunton, and it is to be continued through the State to Guyandotte on the Ohio River. This is a fine route, from the West or from the East to the Springs, to Weir's Cave, and other wonders of Virginia.

The Richmond and Danville Railway runs south-west 141 miles, to the upper boundary of North Carolina; and connects with the railways of Tennessee, Georgia, and the Carolinas. The city is connected with Lynchburg by railway and thence by the Virginia and Tennessee line (through all the southern part of the State) with Knoxville, Tennessee. This last route is completed (as we write) 204 miles from Lynchburg south-west to Bristol.

The James River and the Kanawha Canal extends westward between 200 and 300 miles.

Richmond is the great *dépôt* for the famous tobacco product of Virginia. It makes also large exports of wheat and flour.

Norfolk—Petersburg—Harper's Ferry, etc.

Norfolk, Portsmouth and Gosport.

From Baltimore daily, by steamboat down Chesapeake Bay. From Richmond, by steamer down James River. From Weldon, N. C., (on the great Northern and Southern Railway route,) by the Seaboard and Roanoke Railway 80 miles, and from Philadelphia and New York direct by regular lines of steamers on the Atlantic Ocean.

Norfolk is upon the Elizabeth River, eight miles from Hampton Roads, and 32 miles from the ocean. It has some 17,000 inhabitants, and is, after Richmond, the most populous city in Virginia. A canal comes in here through the Dismal Swamp. Norfolk is a very pleasant town, irregularly built upon a level plain.

The Harbor is large, safe and easily accessible, defended at its entrance by Forts Monroe and Calhoun. It is a great market for wild fowl, oysters, poultry and vegetables.

The city was laid out in 1705. In 1776 it was burnt by the British. In 1855 it was visited by the yellow fever, which carried off several hundreds of its inhabitants.

Mr. G. P. R. James, the distinguished English novelist, resides here, in the capacity of British Consul.

Portsmouth, directly opposite Norfolk, is a naval dépôt of the United States. In the Navy Yard upwards of 1,000 men are employed. The building occupied by the U. S. Naval Hospital is an imposing-looking affair of brick, stuccoed. The Seaboard and Roanoke Railway comes in at Portsmouth from Weldon, N. C. Ferry boats ply between the town and Norfolk. Gosport lies just below. The United States Dry Dock at this suburb, is a work of great extent and interest.

Petersburg, the third town in Virginia in population (about 16,000), is a port of entry situated on the Appomattox River, distant by railway from Richmond 22 miles, from Fredericksburg 82 miles, from Washington City 152 miles. It is on the great route from New York to Charleston and New Orleans. The South Side Railway comes

in here from Lynchburg, 133 miles distant. The Appomattox Road connects Petersburg with City Point, 10 miles away, at the entrance of the Appomattox into the James River. The romantic ruins of the old church of Blandford are within the limits of this borough.

Alexandria is upon the Potomac River, seven miles below Washington City by steam ferry. The Orange and Alexandria Railway extends hence 88 miles to Gordonsville, and the Manassus Gap Road 88 miles to Strasburg. This city, until retroceded to Virginia by the general government, was included in the District of Columbia.

Harper's Ferry is on the line of the Baltimore and Ohio Railway, 82 miles from Baltimore City. The Winchester and Potomac Railway connects it with Winchester, 32 miles distant. This place, famous for its beautiful scenery, is at the confluence of the Potomac and the Shenandoah Rivers. This meeting of the waters is immediately after their passage through a gap of the Blue Ridge, which was thought by Jefferson to be "one of the most stupendous scenes in nature, and well worth a voyage across the Atlantic to witness." The place was formerly called Shenandoah Falls. A National Armory, employing several hundred hands, is located here. See Baltimore and Ohio Railway.

Winchester is 114 miles from Baltimore and 32 from Harper's Ferry by the Baltimore and Ohio and the Winchester and Potomac Railways. It is in the midst of a pleasant and picturesque country in the north-eastern part of the State, west of the Blue Ridge and within the limits of the great valley of Virginia.

The Ruins of Jamestown. This spot, in its history one of the most romantic on the continent, is upon an island near the north bank of the James River, 32 miles above its entrance into Chesapeake Bay, passed in the voyage from Baltimore to Richmond. The traveller must not neglect the opportunity to recall its varied story of the early colonial adventures and sufferings

Fredericksburg—The Birthplace of Washington.



Harper's Ferry, Virginia.

—the gallantry of Captain John Smith, and the gentle devotion of the Indian Princess Pocahontas. Its revolutionary history, too, may be recalled with interest; its battle fields of 1781—and many other memorable localities and material remembrances of all the traditionary past—in the ruins of its ancient church and other relics which time has not yet quite obliterated.

Fredericksburg is on the line of railways from New York to New Orleans, 70 miles below Washington City and 60 miles above Richmond. It is an agreeable ancient-looking town, situated in a fertile valley on the banks of the Rappahannock River.

The Birthplace of Washington. It was in the vicinity of Fredericksburg that Washington was born, and here he passed his early years; and here, too, repose, *beneath an unfinished*

monument, the remains of his honored mother.

The birthplace of the Father of his country is about half a mile from the junction of Pope's Creek with the Potomac, in Westmoreland county. It is upon the "Wakefield estate," now in the possession of John E. Wilson, Esq. The house in which the great patriot was born, was destroyed before the Revolution. It was a plain Virginia farm-house of the better class, with four rooms and an enormous chimney, *on the outside*, at each end. The spot where it stood is now marked by a slab of freestone, which was deposited by George W. P. Custis, Esq., in the presence of other gentlemen, in June, 1815. "Desirous," says Mr. Custis, in a letter on the subject to Mr. Lossing, "of making the ceremonial of depositing the stone as imposing as circumstances

would permit, we enveloped it in the 'Star-Spangled Banner' of our country, and it was borne to its resting-place in the arms of the descendants of four revolutionary patriots and soldiers. * * We gathered together the bricks of the ancient chimney, which once formed the hearth around which Washington, in his infancy, had played—and constructed a rude kind of pedestal, on which we reverently placed the FIRST STONE, commending it to the respect and protection of the American people in general, and of those of Westmoreland in particular." On the tablet is this simple inscription—"HERE, THE 11TH OF FEBRUARY (O. S.) 1732, GEORGE WASHINGTON WAS BORN."

The Tomb of the Mother of Washington. The remains of the mother of Washington repose in the immediate vicinage of Fredericksburg, on the spot which she herself, years before her death, selected for her grave, and to which she was wont to retire for private and devotional thought. It is marked by an unfinished yet still imposing monument. The corner stone of this sacred structure was laid by Andrew Jackson, President of the United States at the time, on the 7th of May, 1833, in the presence of a grand concourse, and with most solemn ceremonial. After the lapse of almost a quarter of a century the monument remains still unfinished.

The mother of Washington resided, during the latter part of her life, in Fredericksburg, near the spot where she now lies buried. The house of her abode, occupied of late days by Richard Stirling, Esq., is on the corner of Charles and Lewis streets. It was here that her last but memorable interview with her illustrious son took place, when she was bowed down with age, and disease.

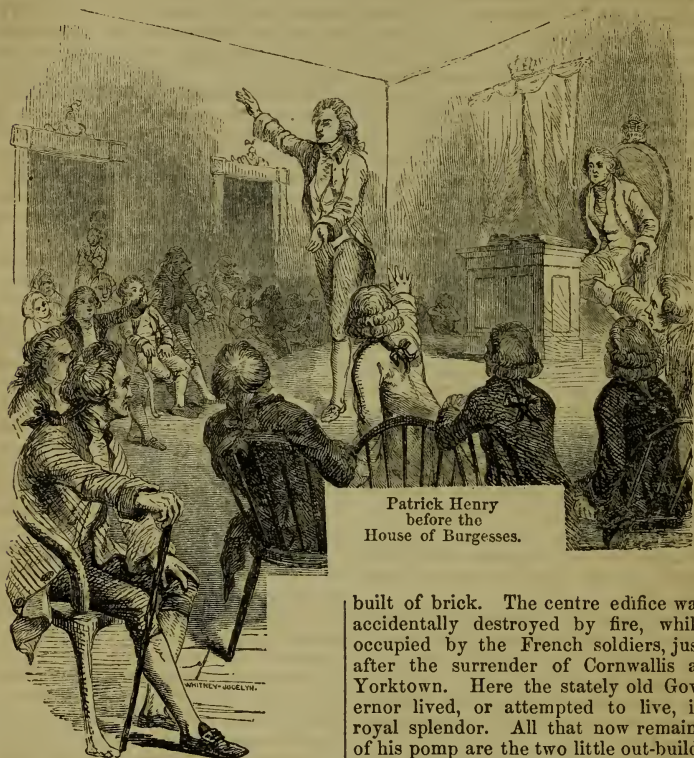
Hanover Court House, memorable as the scene of Patrick Henry's early triumphs, and as the birthplace of Henry Clay, is near the Pamumky River, and 20 miles above Richmond. The Great Southern Railway passes close by.

The Birthplace of Henry Clay is between three and four miles from Hanover Court House, on the right of the turnpike road to Richmond. The flat, piny region, in which it is situated, is called the Slashes of Hanover; hence the popular *sobriquet* familiarly applied to the great statesman, of the "Mill-boy of the Slashes." The house is a little, one-story, frame building, with dormer windows, and a large *outside* chimney (after the universal fashion of Southern country-houses) at each gable. In this humble tenement the Immortal Senator was born, in 1777.

Patrick Henry's Early Triumphs at Hanover. Hanover awakens pleasant memories in its stories of the patriotic ardor of Patrick Henry assembling his volunteers and marching to Williamsburg to demand the restoration of the powder which Lord Dunmore had removed from the public magazine, or payment therefor—a daring demand, which he succeeded in enforcing, as, the Governor, alarmed at the strength of his cortège, which grew as he went along to 150 in number, sent out the Receiver-General with authority to compromise the matter. The young leader required and obtained the value of the powder, 330 pounds, and sent it to the Treasury, at Williamsburg. This incident happened at Newcastle, once a prosperous village, but now a ruin, with a single house only on its site, a few miles below Hanover Court House, on the Pamumky River.

Williamsburg, the oldest incorporated town in Virginia, and a place of extreme interest in its historical associations, is built upon a plain, between the York and James River, six miles from each. This was the seat of the Colonial Government anterior to the Revolution, and the Capital of the State until 1779. William and Mary College—the oldest educational establishment in the United States, after Harvard University—is located here.

Statue of Lord Botetourt. Of the numerous mementoes of the past which this venerable town contains, the most interesting are to be found in the main,



Patrick Henry
before the
House of Burgesses.

street, a broad, pleasantly shaded, and rural-looking avenue. In the centre of the lawn, fronting the edifice of the College, is a mutilated statue of Lord Botetourt, one of the most popular of the old colonial governors. This statue was placed in its present position in 1797.

Palace of Lord Dunmore. The remains of this ancient building, the home of the last of the royal governors of Virginia, is at the head of a pleasant broad court, extending from the Main street in front of the City Hall. It was

built of brick. The centre edifice was accidentally destroyed by fire, while occupied by the French soldiers, just after the surrender of Cornwallis at Yorktown. Here the stately old Governor lived, or attempted to live, in royal splendor. All that now remains of his pomp are the two little out-buildings or wings of his palace, yet to be seen by the visitor at Williamsburg.

Brenton Church, a venerable edifice of the early part of the last century, stands on the public square, near Palace street or Court. It is a cruciform building, surmounted with a steeple.

The Old Magazine. On the same area as Brenton Church, is an old magazine, an octagonal edifice, built during the administration of Governor Spotswood.

The Old Capitol stood on the site of the present Court House, on the Square, opposite the Magazine. It was

Yorktown.

destroyed by fire in 1832. A few of the old arches lie yet around half buried in the greensward. It was in the "Old Capitol" that the Burgesses of Virginia were assembled, when Patrick Henry, the youngest member of that body, presented the series of bold resolutions, which led to his famous speech—"Cæsar had his Brutus, Charles the First his Cromwell, and George the Third"—concluded by those master-words of railery, when the excited assembly interrupted him with the cry of "Treason! treason!"—"may profit by their example. If this be treason make the most of it!"

The Apollo Room of the Raleigh Tavern is an apartment in another time-honored old building of Williamsburg, in which the House of Burgesses assembled to consider the Revolutionary movements, which were then passing in Massachusetts. This assembly had just been dissolved by the Royal Governor, in consequence of its passage of acts in opposition to those of the Lords and Commons of England just before received. The Queen's Rangers, commanded by Lieutenant-Colonel Simcoe, entered Williamsburg, driving out the Virginia militia, on the stormy night of April 19th, 1781.

The thoughtful traveller will delight himself by recalling other incidents in the history of the localities we have presented to his notice, and in following the course of the great train of events, which resulted from or were connected with them.

William and Mary College, at Williamsburg, as we have said already, the oldest establishment of the kind in the Union, after Harvard University, was founded in 1692. Its library numbers between 5,000 and 6,000 volumes, and it has usually in attendance from 150 to 200 students.

The Eastern Lunatic Asylum of Virginia is at Williamsburg.

Yorktown—memorable as the scene of that closing event in the American Revolution, the surrender of the British army, under Lord Cornwallis—is upon the York River, 11 miles from its en-

trance into Chesapeake Bay, 70 miles east-south-east of Richmond, and about 12 miles from Williamsburg. It was formerly a flourishing town, but is now reduced to the character of a "Deserted Village," with only 40 or 50 houses, all told.

All the region of Williamsburg, Yorktown, and the surrounding country of Eastern Virginia, so thickly strewn with memories of thrilling and eventful incidents in the history of the American Revolution, is for the most part, a peaceful, level, pastoral land, of piny woods and grassy meadows; yet the village of Yorktown is built upon a high bluff, on either side of which is a deep ravine.

At the time of the famous siege, in 1781, the town contained about 60 houses. In 1814 it was desolated again by fire, and has never since recovered its former activity.

Remains of the Intrenchments cast up by the British on the south and east sides of the town, are yet to be seen. These mounds vary from 12 to 16 feet in height, and extend, in broken lines, from the river bank to the sloping grounds back of the village.

Cornwallis's Cave is an excavation in the bluff, upon which the village stands, reputed to have been made and used by Lord Cornwallis as a council chamber during the siege. It is exhibited with this character for a small fee. A quarter of a mile below this cave there is another, which there is good reason to believe really was thus occupied by the English commander.

Siege of Yorktown. On the 1st of September, 1781, portions of the British army proceeded up the York River, from the Chesapeake Bay; and, on the 22d, Lord Cornwallis, with his entire force of 7,000 men, arrived, and began his fortifications. He constructed a line of works entirely around the village, and across the peninsula of Gloucester in its rear; besides some field-works same distance off. He was speedily met by the American and French troops, which came in to the number of 12,000; and was at the same time blockaded by the French ships at the

mouth of the river. The final result was a general engagement, which resulted, on the 17th of October, in a request from Lord Cornwallis for a cessation of hostilities, and in the total surrender of his army, on the morning of the 19th.

The precise spot, at Yorktown, where the scene of the surrender of the British arms and standards took place, will be pointed out to the inquiring visitor. This great event is the theme of one of Colonel Trumbull's pictures in the Rotunda of the Capitol at Washington.

Lynchburg is a prosperous place on the James River, by railway from Richmond 124 miles, from Petersburg 133 miles. The Virginia and Tennessee Railway, extending hence westward to the railways of Tennessee and other western and south-western routes, is in operation at present 204 miles to Bristol. The James River and Kanawha Canal, following the course of the river from Richmond, passes Lynchburg on its way to Buchanan and Covington.

Lynchburg is on the route to and in the immediate vicinity of the Spring region. The Natural Bridge and the peaks of Otter are here easily accessible.

Lexington is charmingly situated in the mountain and spring region of Western Virginia, 35 miles north-west of Lynchburg, and 159 from Richmond, by railway to Lynchburg, and thence by stage. Washington College here, was founded in 1798, and was endowed by General Washington. The Virginia Military Institute was established here, by the State Legislature, in 1838-9.

In July, 1856, a copy in bronze of Houdon's Statue of Washington, in the Capitol, at Richmond, was erected here with gay inaugural ceremonies and fêtes. Lexington was commenced in 1778, and the present population is about 2,000.

Charlottesville, famous as the seat of the University of Virginia, and for its vicinage to Monticello, the home and tomb of Thomas Jefferson, is in the east-central part of the State, 97 miles from Richmond by the Central Railway, and 119 miles from Washington City

(via Alexandria) by the Orange and Alexandria and the Virginia Central Railways. The Central Road continues from Charlottesville, via Staunton, into the spring, mountain, and cave region.

The University of Virginia, one of the most distinguished of the colleges of the United States, is situated about a mile west of the village of Charlottesville. It is built (*Cyclopædia of American Literature*) on moderately elevated ground, and forms a striking feature in a beautiful landscape. On the south-west it is shut in by little mountains, beyond which, a few miles distant, rise the broken, and occasionally steep and rugged, but not elevated ridges, the characteristic feature of which is expressed by the name of Ragged Mountains. To the north-west the Blue Ridge, some 20 miles off, presents its deep-colored outline, stretching to the north-east and looking down upon the mountain-like hills that here and there rise from the plain without its western base. To the east, the eye rests upon the low range of mountains that bounds the view as far as the vision can extend north-eastward and south-westward along its slopes, except where it is interrupted directly to the east by a hilly but fertile plain, through which the Rivanna, with its discolored stream, flows by the base of Monticello. To the south, the view reaches far away until the horizon meets the plain, embracing a region lying between the mountains on either hand, and covered with forests interspersed with spots of cultivated land.

The University of Virginia was founded in 1819, by Thomas Jefferson, and so great was his interest in its success, and his estimate of its importance, that in his epitaph, found among his papers, he ranks his share in its foundation, third among the achievements and honors of his life—the authorship of the Declaration of Independence being the first, and of the Virginia Statute for Religious Freedom the second. The University is endowed and controlled by the State.

Monticello, once the beautiful home

The Springs—Routes.

and now the tomb of Jefferson, is about four miles west of Charlottesville.—“This venerated mansion,” says Mr. Lossing, in his *Field Book of the Revolution*, “is yet standing, though somewhat dilapidated and deprived of its former beauty by neglect. The furniture of its distinguished owner is nearly all gone, except a few pictures and mirrors: otherwise the interior of the house is the same as when Jefferson died. It is upon an eminence, with many aspen trees around it, and commands a view of the Blue Ridge for 150 miles on one side, and on the other one of the most beautiful and extensive landscapes in the world. Wirt, writing of the interior arrangements of the house during Mr. Jefferson’s lifetime, records that, in the spacious and lofty hall which opens to the visitor on entering, ‘he marks no tawdry and unmeaning ornaments; but before, on the right, on the left, all around, the eye is struck and gratified by objects of science and taste, so classed and arranged as to produce their finest effect. On one side specimens of sculpture, set out in such order as to exhibit at a *coup d’oeil* the historic progress of that art, from the first rude attempts of the Aborigines of our country, up to that exquisite and finished bust of the great patriot himself, from the master hand of Carracci. On the other side, the visitor sees displayed a vast collection of the specimens of the Indian art, their paintings, weapons, ornaments and manufactures; on another, an array of fossil productions of our country, mineral and animal; the petrified remains of those colossal monsters which once trod our forests, and are no more; and a variegated display of the branching honors, of those monarchs of the waste that still people the wilds of the American Continent! In a large saloon were exquisite productions of the painter’s art, and from its windows opened a view of the surrounding country such as no painter could imitate. There were, too, medallions and engravings in great profusion. Monticello was a point of great attraction to the learned

of all lands, when travelling in this country, while Mr. Jefferson lived. His writings made him favorably known as a scholar, and his public position made him honored by the nations. The remains of Mr. Jefferson lie in a small family cemetery by the side of the winding road leading to Monticello.”

Staunton, is upon a small branch of the Shenandoah, on the Virginia Central Railway, 120 miles west-north-west of Richmond. It has long been a point of rendezvous for tourists to the Spring Region, hard by, though the railway now takes the traveller thither, yet nearer. It is from Staunton that we reach the famous Wier’s Cave, 18 miles north-eastward. Staunton is a pretty and prosperous village, with a population of between 2,000 and 3,000. It is the seat of the Western Lunatic Asylum, and of the Virginia Institution for the Deaf, Dumb and Blind.

Wheeling, famous as the Western terminus of the Baltimore and Ohio Railway (from Baltimore City, 397 miles), is on the Ohio River, on both sides of the Wheeling Creek. It is 92 miles below Pittsburg, Pa., and 350 from Cincinnati. The city is built in a glen between bold hills. It is the most important place in Western Virginia in population, trade and manufactures.—Railway lines from the western States meet the Baltimore and Ohio route at Wheeling.

THE VIRGINIA SPRINGS.

WIER’S CAVE—THE NATURAL BRIDGE—
THE PEAKS OF OTTER—AND OTHER
SCENES.

Routes to the Springs. *From Baltimore* to Washington, 38 miles—to Alexandria, by steamboat on the Potomac, or by stage, 7 miles—to Gordonsville, by the Orange and Alexandria Railway, 88 miles—thence to the present terminus of the Virginia Central Road, and thence by stage. From Baltimore to Harper’s Ferry and Winchester by railway, and thence by railway and stage; a pleasant but not the most expeditious way. Or from Washington by the

Potomac River and Fredericksburg Railway 130 miles to Richmond, thence by the Virginia Central Railway, as far as it at present extends, through Charlottesville, Staunton, Goshen, etc. Approaching from the South, travellers should diverge from Richmond.

From Richmond one may also go by railway to Lynchburg, and thence via Lexington, the Natural Bridge, etc.

From the West, passengers should leave the Ohio River and route at Guyandotte, thence by stage.

For still other routes, and to points without the Central Spring region, see each in Index, or further on in this chapter.

Advice to Invalids.—Before we let our health-seeking tourist loose at the Springs, it may not be amiss to give him some general counsel touching the life it will be well for him to lead there, so that his visit may end happily. We, perhaps, cannot do this better than in the words of Dr. Burke, in his admirable volume about this region. The prescription may be used by visitors at any and all the thousand watering-places in the Union.

When the patient, under proper advice, has selected, and arrived at the Spring where he expects relief, there are some observances so essential to his success, that in a work professing in some degree to serve as his guide, it would be improper to omit calling attention to them. If he has directions from his family physician, the first question that suggests itself, is, Is he in the precise condition in which that physician saw him? If he be not, what change has taken place, and what new symptoms have occurred? It will readily be understood, that if the journey has been tedious and laborious, as in visits from the distant States, the invalid may have suffered from a change of water, he may be in a state of over-excitement, or exhaustion, from want of sleep, fatigue, or want of accustomed comforts. He may, from exposure, have taken cold and be in the incipient stage of catarrhal fever. His liver may have been deranged by the journey.

His arterial and nervous system may be abnormally excited. He may have headache, furred tongue; or he may be constipated, or in other respects "*out of sorts.*"

Now is a man in any of these conditions to plunge into the Warm, Hot, or Sweet Spring Bath; or is he to drink deep draughts of White, Salt, or Red Sulphur water? Assuredly, no!

It may be necessary to administer some agent to improve the diseased secretion, or to give a brisk purgative, or to prescribe rest and regimen for two or three days, or even to deplete by general or local bleeding. If the derangement be a slight one, he may possibly be able himself to administer the necessary preparatives, but if it be more serious, he should procure medical advice. It will be the wisest and safest plan, and may save him in the end time and money.

I know there are various rumors circulated to the disadvantage of physicians resident at the Springs. In past times there may have been impositions practised in regard to charges; but I have made some inquiries on this subject, and believe they are now moderate and uniform. They are necessarily, however, somewhat higher than those of the family physician at home, as the expenses are also greater.

I have touched on this subject, because I have seen persons absolutely lose all the chances of benefit from the waters for want of judicious advice. Distant physicians—at least many of them—know nothing of the Virginia Springs, except as a group. Very frequently, they do not know the difference between the White Sulphur and the Red Sulphur; and often confound the latter with the Red Sweet. When, therefore, a physician, thus ignorant of the distinctive characters of those waters, undertakes to prescribe them, he is as likely to be wrong as right; and, indeed, we see, every season, many instances of such unfortunate mistakes. I spent a large portion of last season at the Salt Sulphur, and was consulted in several cases in which serious mistakes

The Springs—Advice to Invalids.

of this kind had been made. In every instance relief resulted from sending the patient to the water adapted to his disease.

Whether he employs a physician or not, let me say to the invalid: "Be in slow haste." Survey the whole ground according to the suggestions I have laid before you. Do not gulp down large quantities of water to expedite a cure. It would be about as wise as the conduct of a man who eats to repletion, in order to get the worth of his money, or as that of the old negro who swallowed down all the physic left by his master, lest it should go to waste. Be moderate in all things. Take the water so as to insure its gradual diffusion through your system, that you may obtain that invisible and silent *alterative* action which is eventually to eradicate your disease. Go to work coolly, calmly and systematically, and you will own the benefit of the advice. Carry in your mind the following prescription, or something like it, and perhaps it will aid you in a regular plan of conduct:

If the weather and other circumstances admit, rise about 6, throw your cloak on your shoulders, visit the Spring, take a small-sized tumbler of water, move about in a brisk walk; drink again at 6½, continuing moderate exercise—again at 7; breakfast when you can get it, (generally it is about 8, and that is early enough,) but let it be moderate and of suitable quality. In most cases, a nice, tender mutton chop, or a soft-boiled egg, (be sure it is fresh and not preserved in *lime*,) or venison, or beef-steak, is admissible. Eat stale bread, or corn mush, or hominy—the latter a delightful article to be found at some of the Springs—a cup of black tea, not strong, or a glass of *unskimmed* milk. From the above articles you may make a breakfast good enough for a king—if such an animal must live better than others of his species. You may well dispense with buckwheat cakes floating in butter, omelets of stale eggs, strong coffee, hot bread, and all the other adjuncts of an epicurean table.

After breakfast, if you can command

a carriage, or a horse, take a drive or ride, or amuse yourself as best you may until 12. Eat *no luncheon*. At 12, takes a glass of water, walk in the shade, drink again at 12½—again at 1. Dinner is usually about 2. Eat for *nourishment* and not for luxury. Avoid bad potatoes, cabbage, beets, turnips, onions, salt meat of every description, pastry, fruits, either cooked or in their natural state. Though innocent elsewhere, they are not usually so at Mineral Waters.

Amuse yourself in social intercourse or gentle exercise until 6, take a glass of water—walk or ride until supper—take a cup of black tea or a glass of milk and a cracker. If you are a dancer, you may enjoy it, but in moderation, until 10, then retire to your room.—Avoid the gaming table, as you would the road to death, and the gate to Hell.

Such is the *general* prescription I give for invalids. It will readily be seen that it cannot, and indeed ought not, to be carried out in detail in every case.—There will be many modifications necessary, which a discreet invalid or his judicious physician will not fail to adopt.

If he finds himself improving, let him remain at the fountain; but if, after a fair trial of the water, taken after the system has been properly prepared, and accompanied by something like the course I have suggested, the symptoms of his disease become aggravated, or new ones supervene, then he should abandon the use of the water, and try to find another better adapted to his case. But if, by an act of imprudence he renders that noxious which, under more auspicious circumstances, would have been salutary, he should not visit upon it the blame due to his own indiscretion.

It has been made a question how long a mineral water can be used with advantage. Different views are entertained on the subject; but I am convinced no general rule can be given, where so much depends on the disease, its intensity, the habits of the individual, and the effects produced.

That there is a point of *saturation*,

The Spring Region.

there can be no doubt, and when that is reached—indicated by furred tongue, headache, and other unpleasant symptoms—it will be proper to intermit the use of the water for a few days, to take a little blue mass or other medicine, to make an excursion to the adjacent country or neighboring Springs, and again after a week to resume the use of the water. Symptoms indicating this condition are, however, often produced by some act of imprudence, and when this is the case the first step is *reform*. With these observances, the season may be spent with advantage at any Spring that suits the patient's case, and I am sure that, in cases of long-continued disease, it is folly to expect a radical cure in a few days. These remarks are no less applicable to the bathing than to the drinking waters, prudence being still more necessary in using the former than the latter.

The White Sulphur Springs.—Not knowing which of the several routes our traveller may desire to follow, we shall, instead of journeying in any prescribed line from Spring to Spring, jump at once to that central and most famous point, the White Sulphur.

The favorite Spa is on Howard's Creek, in Greenbrier County, directly on the edge of the Great Western Valley, and near the base of the Alleghany range of mountains, which rise at all points in picturesque and winning beauty. Kate's Mountain, which recalls some heroic exploits of an Indian maiden of long ago, is one fine point in the scene, southward; while the Greenbrier Hills lie two miles away, towards the west, and the lofty Alleghany towers up majestically, half a dozen miles off, on the north and east.

The White Sulphur is in the heart of the celebrated group of Western Virginia Springs, with the Hot Spring, 38 miles distant, on the north; the Sweet Spring, 17 miles to the eastward; the Salt and the Red Springs, 24 and 41 miles, respectively, on the south; and the Blue Spring, 22 miles away, on the west.

The vicinage of the White Sulphur is as grateful in natural attractions as

the waters are admirable in medicinal value. Its *locale* is in a charming valley, environed, like that of Rasselas, by soaring hills, and the summer home in its midst has all the conveniences and luxuries for a veritable Castle of Indolence. Fifty acres, perhaps, are occupied with lawns and walks, and the cabins and cottages of the guests, built in rows around the public apartments, the dining-room, the ball-room, etc., give the place quite a merry, happy village air. There is Alabama Row, Louisiana, Paradise, Baltimore, and Virginia Rows, Georgia, Wolf and Bachelor's Rows, Broadway, the Colonnade, Virginia Lawn, the Spring, and other specialities. The cottages are built of wood, brick, and of logs, one story high; and, altogether, the social arrangement and spirit here, as at all the surrounding Springs, has a pleasant, quiet, home sentiment, very much more desirable than the metropolitan temper of more accessible and more thronged resorts.

It is said that the site of these Springs was once the favorite hunting-ground of the Shawnees, a tradition supported by the remains found in various parts of the valley, in the shape of implements of the chase and ancient graves.

It is not known precisely at what period the Spring was discovered. Though the Indians, undoubtedly, knew its virtues, there is no record of its being used by the whites until 1778, when Mrs. Anderson, wife of one of the early settlers, was borne hither on a litter, from her house fifteen miles off, for the relief of a rheumatic affection. Her recovery, from the employment of the water in bathing and drinking, was noised abroad, and in succeeding years other visitors came, pitching tents near the Spring in the absence of all kind of accommodation. Log-cabins were first erected on the spot in 1784–6, and the place began to assume something of its present aspect about 1820. Since then, it has been yearly improved, until it is capable of pleasantly housing some 1,500 guests.

The Spring bubbles up from the

The Spring Region.

earth in the lowest part of the valley, and is covered by a pavilion, formed of 12 Ionic columns, supporting a dome, crowned by a statue of the *buxom lassie* Hygeia.

The Spring is at an elevation of 2,000 feet above tide-water. Its temperature is 62° Fahrenheit, and is uniform through all seasons. It yields about 30 gallons per minute, and the supply is neither diminished in dry weather, nor increased by the longest rains.

We shall not occupy our little space with the record of the analysis of the water here, or elsewhere, as the visitor may easily inform himself in that respect on the spot. One of its most marked properties, says the waggish Peregrine Prolix, whom we have already quoted, and may perchance again—is a strong infusion of fashion, an animal substance, the quality of which cannot be precisely ascertained, but is supposed to contribute greatly to its efficacy. This esteemed and magic ingredient, when submitted to the ordeal of analysis, is found always to vanish in smoke. There are less erudite, though not more merry doctors about than our most sage friend Prolix.

The Salt Sulphur Springs, three in number, are about twenty-four miles from the White Sulphur, near Union, the capital of Monroe County. Like the White Sulphur, they are beautifully nestled in the lap of mountain ranges. The Springs are near the eastern base of Swope's Mountain. On the north, the Alleghany rises, while Peter's Mountain extends on the south and east.

The Salt Sulphur was discovered in 1805, by Mr. Irwin Benson, while boring for salt water, which he was led to hope for by the fact that the spot had formerly been a favorite "lick" for deer and buffalo. The hotels and cottages at the Salt Sulphur will accommodate some 400 guests. Every reasonable want may be satisfied here, whether it regards the interior creature comforts, or the exterior seekings for the beautiful and curious in physical nature. If one is artistical, he may sketch forever; or if he is geological, or botanical,

or conchological, he may fossilize, or herbariumize, or cabinetize, to all eternity.

The Blue Sulphur Spring, in Greenbrier County, is another sweet valley nook, 22 miles west of the White Sulphur, 32 north by east from the Red Sulphur, and 13 from Lewisburg. It is upon the turnpike road to Guyandotte, on the Ohio.

The Blue Sulphur, 25 miles from the White Sulphur, was known long ago, first as a "lick," frequented by vast herds of deer and buffalo from the neighboring forests of Sewel's Mountain. Its geographical position is within the magic hill-circle of the great group of the Western Springs, enjoying all the healthful climates of that most salubrious of regions.

There is, besides the cabins, a large brick hotel here, 180 feet long and three stories high, to which is added, on either side, a wing of two stories, and 190 feet façade, with piazzas through the entire length. The fountain is in the centre of a charming lawn, and is crowned, as usual, with a temple-shaped edifice. Here, as in the homes of all the sulphureous sisterhood of this region, the guest will find most hospitable care for all his wants—kind and liberal provision in all things being the common law of the land.

The Red Sulphur Springs, in the southern portion of Monroe County, are 42 miles below the White Sulphur, 17 from the Salt, 32 from the Blue, and 39 from the Sweet. *The approach to the Springs is beautifully romantic and picturesque. Wending his way around a high mountain, the weary traveller is for a moment charmed out of his fatigue by the sudden view of his resting-place, some hundreds of feet immediately beneath him. Continuing the circuitous descent, he at length reaches a ravine, which conducts him, after a few rugged steps, to the entrance of a verdant glen, surrounded on all sides by lofty mountains. The south end of this enchanting vale, which is the widest portion of it, is about two hundred feet in width. Its course is nearly

* Hunt.

The Spring Region.

north for about one hundred and fifty yards, when it begins gradually to contract, and changes its direction to the north-west and west, until it terminates in a narrow point. This beautifully secluded Tempe is the chosen site of the village. The north-west portion is occupied by stables, carriage-houses, and shops of various sorts; the southern portion, just at the base of the east and west mountains, is that upon which stand the various edifices for the accommodation of visitors. These buildings are spacious, and conveniently arranged, while the promenades, which are neatly enclosed by a white railing, are beautifully embellished, and shaded from the mid-day sun by indigenes of the forest, the large, umbrageous sugar maple. The Spring is situated at the south-west point of the valley, and the water is collected into two white marble fountains, over which is thrown a substantial cover.

These Springs have been known and distinguished as a watering-place for near fifty years. The improvements at the place are extensive and well-designed, combining elegance with comfort, and are sufficient for the accommodation of 350 persons.

The water of the Spring is clear and cool, its temperature being 54° Fahrenheit.

The Sweet Springs are in the eastern part of Monroe County, 17 miles south-east of the White Sulphur and 22 from the Salt Sulphur. They have been known longer than any other mineral waters in Virginia, having been discovered as early as 1764. So long ago as 1774, these waters were analyzed by Bishop Madison, then the president of William and Mary College.

The Sweet Springs lie in a lovely valley, five miles in length, and between a mile and half a mile broad. The Alleghany Mountain bounds this Tempe on the north, and the Sweet Spring Mountain rises on the south. The hotel here is of noble extent, with its grand length of 250 feet, and its dining-hall of 160 feet. The Sweet Springs is one of the gayest places in

this wide valley of mineral fountains; and a visit hither is usually the crowning excursion of the Spring season, the jolly breakdown of the ball.

The Red Sweet Springs are a mile only from the Sweet Springs just mentioned, on the way to the White Sulphur. This water is chalybeate, and a powerful agent in cases requiring a tonic treatment. The landscape here is most agreeable. A mile and a half from the Sweet Springs are the admired Beaver-dam Falls.

THERMAL WATERS.

The Warm Springs are in Bath County, about 170 miles, nearly west, on the great Spring Route, from Staunton, or points further west on the Virginia Central Railway by the Hot and White Sulphur to the Ohio River, at Guyandotte. They are situated in a delightful valley, between lofty hill ranges. Fine views are opened all about on the Warm Spring Mountain. From the "Gap," where the road crosses, and from "the Rock," 2,700 feet above tide water, the display is deservedly famous.

Hot Springs. Five miles removed from the Warm Springs (Bath County) at the intersection of two narrow valleys, are the Hot Springs. The scenery here, though very agreeable, as is that of all the region round, is not especially striking. The accommodations for guests, however, are as admirable as elsewhere; and the waters are not less servicable.

The Bath Alum Springs are at the eastern base of the Warm Spring Mountain, five miles east of the Warm Springs, 47 miles east of the White Sulphur, and 45 west of Staunton. The valley of the Bath Alum is a cosy glen of 1,000 acres, shut in, upon the east, by McClung's Ridge; on the south-east, by Shayer's Mountain; on the west, by the Piney Ridge; and on the south-west by Little Piney.

The Rockbridge Alum Springs are in Rockbridge County, on the main road from Lexington to the Warm Springs, 17 miles from the first, and 22

The Spring Region.

from the second point. The valley in which they are found lies below the North Mountain on the east, and the Mill Mountain on the west.

The Fauquier White Sulphur, in Fauquier County, are 56 miles only from Washington, and about 40 from Fredericksburg. Take the Orange and Alexandria Railway from Alexandria, 41 miles, to Warrenton Junction, thence, nine miles, by Branch to Warrenton, and you are close by. Take the Virginia Central Railway from Richmond, thence deflect at Gordonsville, on the Orange and Alexandria road to Warrenton Junction; thence, as before, to Warrenton, by Branch road. Distance from Richmond 132 miles.

Jordan's White Sulphur. These Springs are in Frederick County, five miles from Winchester, and one mile and a half from Stephenson Depot, on the Winchester and Potomac Railway. Distance from Harper's Ferry $28\frac{1}{2}$, from Baltimore (Baltimore and Ohio Railway to Harper's Ferry) $116\frac{1}{2}$ miles.

The Shannondale Springs are in Jefferson County, five miles and a half from Charleston, a point on the railway from Harper's Ferry to Winchester. Distance to Charleston from Harper's Ferry, 10 miles; from Baltimore (Baltimore and Ohio Railway) 92 miles.

The Berkeley Springs, in Bath, Morgan County, are two miles and a half from Sir John's Depot, a point on the Baltimore and Ohio Railway, 130 miles west of Baltimore. This is a very ancient and distinguished resort, esteemed and frequented by Washington before the Revolution. Strother's Hotel is a house to linger at as long as possible. O'Farrell's Hotel is another and a good house here.

The Capon Springs are 23 miles south-west of Winchester, at the base of the North Mountain. Take the Baltimore and Ohio Railway, from Baltimore to Harper's Ferry, 82 miles; thence, the Potomac and Winchester, 32 miles, to Winchester; thence by stage; or take the Orange and Alexandria road, from Alexandria, 27 miles, to Manassus Station and the Manas-

sus Gap Railway, 61 miles more, to Strasburg.

Healing Springs, Bath County. These thermal waters lie in a pleasant valley of eight or ten miles extent, between the Warm Spring Mountain on the east, and the Valley Mountain on the west. In the neighborhood is the fine cascade, from which this locality of the southern group of the Healing Springs (here particularly referred to) derives its name of Falling Spring Valley.

Dibrell's Spring is on the main road from Lynchburg to the White Sulphur, 19 miles west, by a direct road from the Natural Bridge, or 28 miles thence, via Buchanan. It is in the extreme north-western part of Botetourt County, 30 miles east of the Alleghanies, and at the base of Gordon Mountain.

Rawley's Springs are in Rockingham County, upon the southern slope of the North Mountain, 12 miles from Harrisburg, and 120 miles north-east of the White Sulphur.

Grayson's Sulphur are west of the Blue Ridge, in Carroll County, 20 miles south of Wytheville, on the New River—a region of remarkable natural beauty.

The Alleghany Springs are in Montgomery County, on the south fork of the Roanoke River, 10 miles east of Christiansburg, on the Virginia and Tennessee Railway. From Richmond to Christiansburg, 210 miles west; from Lynchburg, 86 miles.

Pulaski Alum Spring, in Pulaski County, north-west, on Little Water Creek, 10 miles from Newbern, and seven miles, in a direct line, from the Virginia and Tennessee Railway.

New London Alum is in the County of Campbell, 10 miles south-west of Lynchburg. (See Lynchburg, for route thither.)

The Huguenot Springs is a watering-place in Powhattan County, 17 miles from Richmond. Take the Richmond and Danville Railway to the Springs Station, about 10 miles, thence by good omnibuses or stages. A pleasant excursion from Richmond.

The Natural Bridge.

There are many other mineral fountains in Virginia discovered and undiscovered. We have mentioned in our catalogue all of much resort; and many more than the visitor can explore in one short summer.

The Natural Bridge is in Rock-bridge County, in Western Virginia, 63 miles from the White Sulphur Springs. From Washington, the traveller hither may take the Orange and Alexandria Railway to Gordonsville, on the Virginia Central and the Central to Staunton; and thence, by Stage, 53 miles, via Lexington; or he may take the railway from Richmond to Lynchburg, and thence by stage, 36 miles. In the pleasant book of Virginia Letters, upon which we have already freely drawn, Peregrine Prolix thus records the story of his visit to the Natural Bridge.

"Every body in this vicinity will tell you that the distance from Lexington to the Natural Bridge is 12 miles; but the shortest route is 14 miles, six of which being supposed to be impassable in consequence of the superabundance of rain. The driver of my hack, by name Oliver (a *melanthrope* of great skill in his art), pursued a route three miles longer. Not being aware of the inconceivable badness of the road, and being naturally averse to early rising, I did not leave Lexington until nine o'clock. Oliver soon horrified me by turning into the road we travelled last evening, and informing me we must pursue it for six miles, and then take a cross road for three miles to get into the direct route. This was bad news; for in a region of bad roads, the cross roads are the worst, and are as bad as the cross women. And indeed, until within two miles of the bridge, the road is so pre-eminently abominable, that it has won to itself the title of purgatory, and like that uncomfortable place, when once in, it requires much whipping to get you out.

"Notwithstanding the difficulties of mud and mire, rut and rock, hill and hollow, the skilful Oliver landed me safe at the house near the bridge at two P. M. A *melanthropic* guide con-

ducted me immediately down a winding rocky path to the bottom of the deep chasm, in which flows the little stream called Cedar Creek, and across the top of which, from brink to brink, there still extends an enormous rocky stratum, that time and gravity have moulded into a graceful arch. The bed of Cedar Creek is more than two hundred feet below the surface of the plain, and the sides of the enormous chasm, at the bottom of which the water flows, are composed of solid rock maintaining a position almost perpendicular. These adamantine walls did not seem to me to be water-worn, but suggested the idea of an enormous cavern, that in remote ages may have been covered for miles by the continuation of that stratum of which all that now remains is the arch of the Natural Bridge. I do verily believe that this stupendous object is the *ruin of a cave*, one of those antres vast, in which our limestone regions abound, and which perhaps existed previous to the upheaving of our continent, and was tenanted by Naiads, Tritons, and other worthies of the deep.

"The first sensation of the beholder is one of double astonishment; first, at the absolute sublimity of the scene; next, at the total inadequacy of the descriptions he has read, and the pictures he has seen, to produce in his mind the faintest idea of the reality. The great height gives the arch an air of grace and lightness that must be seen to be felt, and the power of speech is for a moment lost in contemplating the immense dimensions of the surrounding objects. The middle of the arch is forty-five feet in perpendicular thickness, which increases to sixty at its juncture with the vast abutments. Its top, which is covered with soil supporting shrubs of various sizes, is two hundred and ten feet high. It is sixty feet wide, and its span is almost ninety feet. Across the top passes a public road, and being in the same plane with the neighboring country, you may cross it in a coach without being aware of the interesting pass. There are several forest trees of large dimensions grow-

The Peaks of Otter.

ing near the edge of the creek directly under the arch, which do not nearly reach its lowest part.

"The most imposing view is from about sixty yards below the bridge, close to the edge of the creek; from that position the arch appears thinner, lighter, and loftier. From the edge of the creek at some distance above the bridge, you look at the thicker side of the arch, which from this point of view approaches somewhat to the Gothic. A little above the bridge, on the western side of the creek, the wall of rock is broken into butress-like masses, which rise almost perpendicularly to a height of nearly two hundred and fifty feet, terminating in separate pinnacles which overlook the bridge. It requires a strong head, (perchance a thick skull,) to stand on one of these narrow eminences and look into the yawning gulf below.

"When you are exactly under the arch and cast your glances upwards, the space appears immense; and the symmetry of the ellipsoidal concave formed by the arch and the gigantic walls from which it springs, is wonderfully pleasing. From this position the views in both directions are sublime and striking from the immense height of the rocky walls, stretching away in various curves, covered in some places by the drapery of the forest, green and graceful, and in others without a bramble or a bush, bare and blue.

"Reader, do not allow the coolness of the neighbors, or the heat of the weather, or the badness of the roads, or the goodness of your equipage, or the inertia of your disposition, or the



The Natural Bridge, Virginia.

gravity of your baggage, or the levity of your purse, or the nollition of your womankind, or any other creature of any other kind, to prevent you from going to see the Natural Bridge; you never saw its like before, and never will you look upon its like again."

The Peaks of Otter. These famous mountain heights are in the same region as the Natural Bridge. They lie in the County of Bedford, 10 miles from the village of Liberty, and 35 miles from Lynchburg—railway from Richmond to Lynchburg, and thence by stage.

The summits of the Peaks of Otter are about two miles apart. The north-

ern mountain rises 4,200 feet above the plain, and 5,307 above the sea. It is the southern or conical peak which is most often ascended.

"After riding about a quarter of a mile," says a visitor to these peaks, "we came to the point beyond which horses cannot be taken, and dismounting our steeds, commenced ascending on foot; the way was very steep, and the day so warm that we had to halt often to take breath. As we approached the summit, the trees were all of a dwarfish growth, and twisted and gnarled by the storms of that high region. There were also a few black-berry bushes, bearing their fruit long after the season had passed below. A few minutes longer brought us to where the trees ceased to grow; but a huge mass of rocks, piled wildly on top of each other, finished the termination of the peak. Our path lay for some distance around the base of it, and under the overhanging battlements, and rather descending for a while, until it led to a part of the pile which could with some effort be scaled. There was no ladder, nor any artificial steps, and the only means of ascent was by climbing over the successive rocks. We soon stood upon the wild platform of one of nature's most magnificent observatories, isolated and apparently above all things else terrestrial, and looking down upon and over a beautiful, variegated, and at the same time grand, wild, wonderful, and almost boundless panorama. Indeed, it was literally boundless, for there was a considerable haze resting upon some parts of the 'world below,' so that, in the distant horizon, the earth and sky seemed insensibly to mingle with each other. I had been there before. I remember, when a boy of little more than ten years old, to have been taken to that spot, and how my unpractised nerves forsook me at the sublimity of the scene.

"On this day it was as new as ever; as wild, wonderful and sublime as if I had never before looked from those isolated rocks, or stood on that awful summit. On one side, towards Eastern

Virginia, lay a comparatively level country in the distance, bearing strong resemblance to the ocean; on the other hand were ranges of high mountains, interspersed with cultivated spots, and then terminating in piles of mountains, following in successive ranges, until they were lost also in the haze. Above and below, the Blue Ridge and Alleghanies run off in long lines; sometimes relieved by knolls and peaks, and in one place above us making a graceful curve, and then again running off in a different line of direction.

"Very near us stood the rounded top of the other peak, looking like a sullen sentinel for its neighbor.

"We paused in silence for a time. We were there almost cut off from the world below, standing where it was fearful even to look down. It was more hazy than at the time of my last visit, but not so much so as to destroy the interest of the scene.

"There was almost a sense of pain at the stillness which seemed to reign. We could hear the flappings of the wings of the hawks and the buzzards, as they seemed to be gathering a new impetus after sailing through one of their circles in the air below us. North of us, and on the other side of the Valley of Virginia, were the mountains near Lexington, just as seen from that beautiful village—the Jump, North and House mountains succeeding each other. They were familiar with a thousand associations of our childhood, seeming mysteriously, when away from the spot, to bring my early home before me—not in imagination, such as had often haunted me when I first left to find another in the world, but in substantial reality. Further on down the valley, and at a great distance, was the top of a large mountain, which was thought to be the Great North Mountain, away down in Shenandoah County. I am afraid to say how far off. Intermediate between these mountains, and extending opposite and far above us, was the Valley of Virginia, with its numerous and highly cultivated farms. Across this valley, and in the distance, lay the re-

Weir's Cave.

mote ranges of the Alleghany and mountains about, and, I suppose, beyond the White Sulphur Springs. Nearer us, and separating Eastern and Western Virginia, was the Blue Ridge, more than ever showing the propriety of its cognomen of the 'back bone,' and on which we could distinctly see two zig-zag turnpikes, the one leading to Fincastle and the other to Buchanan, and over which latter we had travelled a few days before. With the spy-glass we could distinguish the houses in the village of Fincastle, some twenty-five or thirty miles off, and the road leading to the town. Turning towards the direction of our morning's ride, we had beneath us Bedford County, with its smaller mountains, farms and farm-houses, the beautiful village of Liberty, the county roads, and occasionally a mill-pond, reflecting the sun like a sheet of polished silver. The houses on the hill at Lynchburg, twenty-five or thirty miles distant, are distinctly visible on a clear day, and also Willis' mountain, away down in Buckingham County. The tourist may take a carriage from Liberty or at Buchanan, to the Peaks. A fine well-graded turnpike leads thence and a good hotel is at the base of the mountain.

Weir's Cave. This wonderful place, scarcely inferior in its mysterious grandeur to the celebrated Mammoth Cave of Kentucky, is in the north-eastern corner of Augusta County, Va., 17 miles from Staunton (on the Central Railway), 16 miles from Waynesboro', 8 miles from Mount Sidney, 14 miles from Harrisburg, and 32 from Charlottesville and the University of Virginia.—Take the Central Railway from Richmond, or the Orange and Alexandria from Washington City to Gordonsville and the Central Railway onward to Staunton: thence by stage 17 miles to the Cave.

Weir's Cave (sometimes written *Weyer's*), was named after Bernard Weyer, who discovered it in 1804, while in chase of a wild animal who fled thither for escape. Many of the countless apartments in this grand subterranean castle are of exquisite beauty—

others again are magnificent in their grand extent. Washington Hall, the largest chamber, is no less than 250 feet in length. A traveller visiting the cave on the occasion of an annual illumination, thus describes this noble apartment:

"There is a fine sheet of rock-work running up the centre of this room, and giving it the aspect of two separate and noble galleries, till you look above, where you observe the partition rises only twenty feet towards the roof, and leaves the fine arch expanding over your head untouched. There is a beautiful connection here standing out in the room, which certainly has the form and drapery of a gigantic statue; it bears the name of the Nation's Hero; and the whole place is filled with these projections—appearances which excite the imagination by suggesting resemblances, and leaving them unfinished. The general effect, too, was perhaps indescribable. The fine perspective of this room, four times the length of an ordinary church; the numerous tapers, when near you, so encumbered by deep shadows as to give only a dim, religious light, and when at a distance, appearing in their various attitudes like twinkling stars on a deep, dark heaven; the amazing vaulted roof spread over you, with its carved and knotted surface, to which the streaming lights below in vain endeavored to convey their radiance; together with the impression that you had made so deep an entrance, and were so entirely cut off from the living world and ordinary things, produces an effect which, perhaps, the mind can receive but once, and will retain for ever."

"Weir's Cave," says the same writer, "is, in my judgment, one of the great natural wonders of this new world, and for its eminence in its own class, deserves to be ranked with the Natural Bridge and Niagara, while it is far less known than either. Its dimensions, by the most direct course, are more than 1,600 feet, and by the more winding paths, twice that length; and its objects are remarkable for their variety, forma-

Madison's Cave—Blowing Cave—Hawk's Nest.

tion and beauty. In both respects, it will, I think, compare, without injury to itself, with the celebrated Grotto of Antiparos. For myself, I acknowledge the spectacle to have been most interesting; but to be so, it must be illuminated as on this occasion. I had thought that this circumstance might give the whole a toyish effect; but the influence of 2,000 or 3,000 lights on these immense caverns is only such as to reveal the objects, without disturbing the solemn and sublime obscurity which sleeps on every thing. Scarcely any scenes can awaken so many passions at once, and so deeply. Curiosity, apprehension, terror, surprise, admiration, and delight, by turns and together arrest and possess you. I have had before, from other objects, one simple impression made with greater power; but I never had so many impressions made, and with so much power, before. If the interesting and the awful are the elements of the sublime, here sublimity reigns, as in her own domain, in darkness, silence, and deeps profound."

Madison's Cave is within a few hundred yards of Weir's. It is thus described by Mr. Jefferson, in his "Notes on Virginia: "

"It is on the north side of the Blue Ridge, near the intersection of the Rockingham and Augusta line with the south fork of the southern river of Shenandoah. It is in a hill of about 200 feet perpendicular height, the ascent of which on one side is so steep, that you may pitch a biscuit from its summit into the river which washes its base. The entrance of the cave is in this side, about two-thirds of the way up. It extends into the earth about 300 feet, branching into subordinate caverns, sometimes ascending a little, but more generally descending, and at length terminates in two different places at basins of water of unknown extent, and which I should judge to be nearly on a level with the water of the river; however, I do not think they are formed by reflux water from that, because they are never turbid; because they do not rise and fall in correspondence with

that in times of flood, or of drought, and because the water is always cool. It is probably one of the many reservoirs with which the interior parts of the earth are supposed to abound. The vault of this cave is of solid limestone, from 20 to 40 or 50 feet high, through which water is continually percolating. This, trickling down the sides of the cave, has encrusted them over in the form of elegant drapery; and dripping from the top of the vault generates on that, and on the base below, stalactites of a conical form, some of which have met and formed massive columns."

The Blowing Cave is on the stage road between the Rockbridge and the Bath Alum Springs, one mile west of the village of Milboro'. It is in a high ledge near the bank of the Cow Pasture River. The entrance to the Cave is semicircular and about four feet high, elevated 30 or 40 feet above the road below. When the internal and external atmosphere is the same, there is no perceptible current issuing from it. In intense hot weather, the air comes out with so much force as to prostrate the weeds at the entrance. In intense cold weather, the air draws in. There is a *Flowing and Ebbing Spring* on the same stream with the Blowing Cave, which supplies water-power for a grist-mill, a distillery and a tannery. It flows irregularly. When it commences the water bursts out in a body, as if let loose from a dam. Mr. Jefferson called this a Syphon Fountain. There are two others of the kind in Virginia—one in Brooks Gap, in Rockingham County, and the other near the mouth of the North Holston.

The Hawk's Nest, sometimes called *Marshall's Pillar*, is on New River, in Fayette County, a few rods only from the road leading from Guyandotte on the Ohio, to the White Sulphur Springs—96 miles from Guyandotte, and 64 miles from the Springs. It is an immense pillar of rock, with a vertical height of 1,000 feet above the bed of the river. Thus writes a foreign tourist of this impressive picture:

You leave the road by a little by-

The Ice Mountain—Salt Pond—Caudy's Castle.

path, and after pursuing it for a short distance, the whole scene suddenly breaks upon you. But how shall we describe it? The great charm of the whole is connected with the point of sight, which is the finest imaginable. You come suddenly to a spot which is called the Hawk's Nest. It projects on the scene, and is so small as to give standing only to some half dozen persons. It has on its head an old picturesque pine; and it breaks away at your feet abruptly and in perpendicular lines, to a depth of more than 1,000 feet. On this standing, which, by its elevated and detached character, affects you like the monument, the forest rises above and around you. Beneath and before you is spread a lovely valley. A peaceful river glides down it, reflecting, like a mirror, all the lights of heaven, washes the foot of the rocks on which you are standing, and then winds away into another valley at your right. The trees of the wood, in all their variety, stand out on the verdant bottoms, with their heads in the sun, and casting their shadows at your feet, but so diminished as to look more like the pictures of the things than the things themselves. The green hills rise on either hand and all around, and give completeness and beauty to the scene; and beyond these appears the gray outline of the more distant mountains, bestowing grandeur to what was supremely beautiful. It is exquisite. It conveys to you the idea of perfect solitude. The hand of man, the foot of man, seem never to have touched that valley. To you, though placed in the midst of it, it seems altogether inaccessible. You long to stroll along the margin of those sweet waters, and repose under the shadows of those beautiful trees; but it looks impossible. It is solitude, but of a most soothing, not of an appalling character, where sorrow might learn to forget her griefs, and folly begin to be wise and happy."

The Ice Mountain is a remarkable natural curiosity, in the county of Hampshire. It is upon the North River (eastern bank), 26 miles north-west of Winchester. May be reached from Bal-

timore by Baltimore and Ohio Railway to Harper's Ferry, by railway thence to Winchester, from Winchester by stage.

The Ice Mountain rises 500 feet above the river. "The west side, for a quarter of a mile," says Mr. Howe, in his History of Virginia, "is covered with a mass of loose stone, of a light color, which reaches down to the bank of the river. By removing the loose stone, fine *crystal ice* can always be found in the warmest days of summer. It has been discovered even as late as the 15th of September: but never in October, although it may exist throughout the entire year, and be found, if the rocks were excavated to a sufficient depth. The body of rocks where the ice is found, is subject to the full rays of the sun, from nine o'clock in the morning until sunset. The sun does not have the effect of melting the ice as much as continued rains. At the base of the mountain is a spring of water, colder by many degrees than spring water generally is."

The Salt Pond is a charming lake, on the summit of Salt Pond Mountain, one of the highest peaks of the Alleghany. It is in Giles County, 10 miles east of Parisburg and five miles from the Hygeian Springs. This Pond (we again quote from Mr. Howe) "is about a mile long, and one-third of a mile wide. At its termination it is dammed by a huge pile of rocks, over which it runs; but which once passed through the fissures only. In the spring and summer of 1804, immense quantities of leaves and other rubbish washed in and filled up the fissures, since which it has risen full 25 feet. Previous to that time, it was fed by a fine large spring at its head; that then disappeared, and several small springs now flow into it at its upper end. When first known, it was the resort of vast numbers of elk, buffalo, deer, and other wild animals, for drink." The waters of this Pond have not, despite its name, any saline taste; on the contrary, it abounds in fine fresh trout and other fish.

Caudy's Castle (Howe) "was so named from having been the retreat of an early settler, when pursued by the

Topographical and Historical Mention.

Indians. It is the fragment of a mountain, in the shape of a half cone, with a very narrow base, which rises from the banks of the Capon to the height of about 500 feet, and presents a sublime and majestic appearance. *Caudy's Castle*, as also the *Tea Table* and the *Hanging Rocks*, mentioned below, may all be visited from the Capon Springs.

"**The Tea Table** is about ten miles from Caudy's Castle, in a deep, rugged glen, three or four miles east of the Capon. It is about four feet in height, and the same in diameter. From the top issues a clear stream of water, which flows over the brim on all sides, and forms a fountain of exquisite beauty.

"**The Hanging Rocks** are about

four miles north of Romney. There the Wappatomka River has cut its way through the mountain of about 500 feet in height. The boldness of the rocks and the wildness of the scene surprise the beholder.

A bloody battle, says tradition, was once fought at the Hanging Rocks, between contending parties of the Catawba and Delaware Indians, and it is believed that several hundred of the latter were slaughtered. Indeed, the signs now to be seen at this place exhibit striking evidence of the fact.—There is a row of Indian graves between the rocks and public road, along the margin of the river, of from 60 to 70 yards in length. It is believed that very few of the Delawares escaped."

NORTH CAROLINA.

NORTH CAROLINA.—Much less romantic interest possesses the public mind, though not justly, in regard to this State, than almost any other of the Old Thirteen.

The history of the region does not, to be sure, present many very brilliant points, although attempts to colonize it were made at a very early day—as long ago as 1585–9, and by Sir Walter Raleigh—and though the people were engaged like their neighbors, in bloody struggles with the Indian tribes. Yet the State did memorable service in the Revolution, and especially in being the first publicly and solemnly to renounce allegiance to the British crown, which she did in the famous Mecklenburg Declaration of Independence, May 20th, 1775—more than a year before the similar formal assertion of the other States.

In picturesque attraction, the State is popularly considered to be wholly destitute; an impression which results from an erroneous estimate of her topography, which travellers in the course of years have made, from the uninteresting forest travel in the eastern portion, traversed by the great railway thoroughfare from the Northern to the Southern States; the only highway until within very late years, and to this day the only one very much in use.

The Pine, or Eastern part of North Carolina, stretching sixty miles inland, is a vast plain, sandy, and overrun with interminable forests of pine. Yet this wilderness is not without points and impressions of interest to the tourist, more particularly when it is broken, as it often is, by great stretches of dank marsh, sometimes opening into mystical-looking lakes, as on the Little Dismal Swamp, lying between Pamlico and Albemarle Sounds, and in the Great Dismal Swamp, which the State shares with Virginia. Then in these woods we may watch the process of the gathering of the sap of the pines, for those famous staple manufactures, "tar, pitch and turpentine."

The Coast, too, of North Carolina is one of the most celebrated on the Western borders of the Atlantic—the one most watched and feared by mariners and all voyagers, that upon which the dreaded capes, Hatteras and Lookout and Fear are found.

Mineral Products—Rivers.

While the innumerable bays and shoals and islands are thus cautiously avoided by the passing mariners, they are as eagerly sought by the fisherman and the sportsman. Immense quantities of shad and herring and other fish are taken here, and the estuaries of the rivers and the bays are among the favorite resorts of wild fowl of every species; making this coast scarcely less attractive, to the sportsman, than is the Chesapeake Bay and the shore of Long Island.

The Interior of the State is a rude, hilly country, which, though it is not at present, may yet be, softened into the blooming beauty of New England. Beyond to the westward, lies the great mountain district, which, when it comes to be better known, as the railways now approaching it from all sides promise that it soon will be, will place the State in public estimation among the most strikingly picturesque portions of the Union. Two great ridges of the Alleghanies traverse this grand region, some of their peaks rising to the noblest heights, and one of them reaching a greater altitude than any summit east of the Rocky Mountains. Wild brooks innumerable and of the richest beauty, water-falls of wonderful delight, and valleys lovely enough for loveliest dreams, are seen in this yet almost unknown land. We shall lead our traveller thither anon; after a little longer glimpse at the general characteristics of the country; at the facilities for locomotion which are at command, and after a brief visit to places and scenes in the eastern and middle sections of the State.

Mineral products of great variety and value are found in North Carolina, as in the neighboring mountain districts of South Carolina and Georgia. Until the discovery of the auriferous lands of California, this was the most abundant gold tract in the United States. The mines here of this monarch of metals have been profitably worked for many years. At the branch mint at Charlotte, in the mining region, gold was coined, between and including the years 1838 and 1853, to the value of no less than \$3,790,033; the highest annual product being \$396,734, in the year 1852.

The Copper lands of the State, says Professor Jackson, are unparalleled in richness. Coal, too, both bituminous and anthracite, is found here in great abundance, and of the finest quality. Iron ore also exists throughout the mountain districts. Limestone and Freestone may be had in inexhaustible supply. Marl is abundant in all the counties on the coast, and silver, lead, manganese, salt and gypsum have been discovered.

The rivers of North Carolina have no very marked picturesque character, except the mountain streams in the west, where, besides other charming waters, the shores of the Beach Road for forty miles, are unsurpassed in bold and changeful beauty. The greater number of the rivers run from 200 to 400 miles, in a south-east direction through the State to the Atlantic. A few small streams empty into the Tennessee. The Roanoke and the Chowan extend from Virginia to Albemarle Sound. The Cape Fear River traverses the State and enters the sea near the southern extremity of the State. Travellers by the old steamer route from Wilmington to Charleston, will remember the passage of this river from the former place, 25 miles to its mouth at Smithville.

"*Quel beau pays!*" exclaimed a visitor from Guadaloupe, as he entered this stream from the sea, and looked out upon its white sandy shores luxuriant with the trailing foliage of the live-oak.

"*'Quel beau pays!'*" echoed the captain of the incoming barque, in surprise; "do you, just from the grand mountains and valleys of Guadaloupe, call this miserable flat region a beautiful country?"

"For that very reason, mon ami. It is exactly because I have so long seen only mountains and valleys that these beautifully wooded plains, so new to my sight, and in such direct contrast with all I have ever gazed upon before, charm me so much. Mon Dieu, *quel beau pays!*"

Railways—Raleigh—Wilmington.

The reader will understand our anecdote according to the teachings of his own experience.

The Neuse and the famous Tar Rivers come from the north to Pamlico Sound. The Yadkin and the Catawba enter South Carolina, and are there called, one the Great Pedee, and the other the Wateree. These and the other rivers of this State are so greatly obstructed at their mouths by sand banks, and above by rapids and falls, that their waters are not navigable for any great distance, or by any other than small craft. Vessels drawing ten or twelve feet of water ascend the Cape Fear River as far as Wilmington, and steamboats yet beyond to Fayetteville. Steamboats sail up the Neuse 120 miles, to Waynesboro', up the Tar 100 miles, to Tarborough, the Roanoke 120 miles, to Halifax, and up the Chowan 75 miles.

Railways.—The Wilmington and Weldon road, 162 miles long, traverses the entire breadth of the State, in the eastern portion, from Weldon through Halifax, Brattleborough, Rocky Mount, Joyner's, Wilson, Nahuata, Goldsboro' Mt., Mount Olive, Faison's, Strickland's, Teachey's, Washington, and Bordeaux, to Wilmington. It is a link in the great mail route from the Northern to the Southern cities. Railways also diverge from the above line to Raleigh. The Raleigh and Gaston road from Weldon, 97 miles, and the North Carolina road, from Goldsboro', 48 miles. This road continues on from Raleigh, through Hillsboro', Graham, Greensborough, Lexington, Salisbury, and intermediate stations, to Charlotte, 175 miles beyond Raleigh. At Charlotte it unites with the railway system of South Carolina.

The Raleigh and Gaston railway extends (with connecting links) from Weldon, on the Great Northern and Southern mail route, 97 miles, to Raleigh.

The Roanoke Valley road deflects from the Raleigh and Gaston, and unites with the Virginia routes.

The North Carolina and N. C. Central Railways extend from Goldsboro', on the Great Northern and Southern route, to Raleigh, 48 miles, and thence north-west via Hillsboro', Graham, etc., to Greenboro'; thence southwardly to Charlotte, uniting with the South Carolina railways. Distance from Raleigh to Charlotte 175 miles.

Other routes are now in progress,

which will traverse all the western parts of the State, and unite the eastern and middle districts, at many points, with the railways of Tennessee and the Great West.

Raleigh, from New York, by the Great Southern line of railway, through Philadelphia, Baltimore, Washington, and Richmond, to Weldon, N. C., thence by the Raleigh and Gaston Railway. Distance from Washington, 286 miles; from Weldon, 97 miles. From Charleston, S. C., by the great mail route, to Goldsboro', N. C., on the Wilmington and Weldon link; thence by the North Carolina Central Railway.

Raleigh, the capital of North Carolina, is situated a little north-east of the centre of the State, near the Neuse River. It is a pleasant little city, on a high and healthful position. Union Square is an open area of ten acres, occupying a centre, on the sides of which are the principal streets. The State House, which is on this square, is one of the most imposing of the Capitols of the United States. It is built of granite after the model of the Parthenon, with massive columns and a grand dome. The former State House was destroyed by fire in 1831, and with it the celebrated statue of Washington by Canova. The State Lunatic Asylum is here, and the North Carolina Institution for the Deaf and Dumb. Pop., 5,000.

Wilmington, the largest, and the chief commercial city of North Carolina, is in the south-eastern extremity of the State, upon the Cape Fear River, 34 miles from the sea. Reached from

Towns and Villages—The Mountain Region.

New York, Philadelphia, Baltimore, etc., by the Great Southern route, upon which it is a prominent point. Travelers from Charleston and New Orleans formerly took the steamer here for a coast voyage as far as Charleston; now the route is continued by the Manchester and Wilmington railway to Kingsville, on the Columbia Branch of the South Carolina road. A more direct way to Charleston will be opened by the North Eastern railway, to deflect at a convenient point from the Wilmington and Manchester line. This is a busy place, full of manufacturing and commercial life. It offers, however, no very great attractions to the traveller in quest of the picturesque, though it played a part in the drama of the Revolution. Major Craig took possession of the town in January, 1781, and occupied it until the surrender of Cornwallis. Population about 11,000.

Newbern, a pleasant old town of about 5,000 inhabitants, is at the confluence of the Neuse and the Trent Rivers, midway on the Atlantic line of the State, 50 miles above Pamlico Sound. It may be reached from Goldsboro' or other stations on the Wilmington and Weldon link of the main southern line of railway. A railway is in progress from Goldsboro' to Newbern. Distance from Raleigh, by railway, about 100 miles; from Goldsboro' it will be between 50 and 60.

Fayetteville is a thriving place of some 8,000 people. It is at the head of navigation, on Cape Fear River, 60 miles south of Raleigh, and 100 miles above Wilmington. Reached at present on plank roads from Raleigh, and from the Wilmington and Weldon railway.

Charlotte is one of the chief towns in the western part of North Carolina. Reached from Raleigh by the North Carolina railway, 175 miles, and from Charleston and Columbia, S. C., by the South Carolina and Columbia Branch, and the Charlotte and South Carolina railways; from Columbia, 109 miles; from Charleston, 237 miles. A plank road, 120 miles long, connects this town with Fayetteville.

Charlotte is in the midst of the gold region of the State, and is the seat of a United States Branch Mint. Some interesting historical memories are awakened at Charlotte. It was here that the patriots of Mecklenburg County assembled in convention, in 1775, and boldly passed a series of resolutions, declaring themselves independent of the British Crown; thus anticipating by a year the immortal Declaration of '76. The British troops occupied the town in 1780, and for a little while it was the head-quarters of the American forces. Here General Greene took the command of the Southern army from General Gates, fifty days after the departure of Cornwallis.

Battle of Guilford Court House.—The scene of this interesting event in the history of the American Revolution, is in the County of Guilford, in the north-western part of the State.

THE MOUNTAIN REGION.

No section of the United States is richer in beautiful landscape than is all the western part of North Carolina, traversed by some of the noblest spurs of the Blue Ridge. Turn, here, which way you will, every varying point presents a picture of new and wonderful charm.

Black Mountain, 20 miles north-east of Ashville, rises to the magnificent height of 6,476 feet, and is thus the loftiest peak east of the Rocky Mountain ranges. The scene from its crown is of surpassing grandeur.

The Swannanoa Gap is a magnificent mountain pass, between Ashville and Morgantown. The *Falls of the Catawba* are hard by.

The Hickory-Nut Gap is another grand cleft on the giant hills, rich in wonderful pictures of precipices and cascades.

Pilot Mountain, in Burke County, is a bold peak, almost isolated in the midst of a comparatively level region. In the olden time it was the landmark of the Indians in their forest wanderings; hence its present name.

The Hawk's Bill, in Burke County, is a stupendous projecting cliff, looking

The Mountain Region—French Broad River.



Scene in the Blue Ridge, N. C.

down 1,500 feet upon the waters of a rushing river.

The Table Rock, a few miles below the Hawk's Bill, rises, cone-shaped, 2,500 feet above the valley of the Catawba River.

The Ginger Cake Rock, also in Burke County, is a singular pile, upon the summit of the Ginger Cake Mountain. It is a natural stone structure, in the form of an inverted pyramid, 29 feet in height. It is crowned with a slab 32 feet long and two feet thick, which projects half its length beyond the edge of the pyramid upon which it is so strangely poised. Though seeming just ready to fall, nothing could be more secure. A fine view down the dark ravine below is commanded at this point.

The French Broad River, in its wild mountain course of 40 miles, or more, from Ashville to the Tennessee line, abounds in admirable scenes. It is a rapid stream, and in all its course lies deep down in mountain gorges—now foaming over its rocky pathway, and now sleeping, sullen and dark, at the

base of huge precipitous cliffs. A fine highway follows its banks, and often trespasses upon its waters, as it is crowded by the jealous overhanging cliffs. Near the Tennessee boundary, and close by the Warm Springs, this road lies in the shadow of the bold mountain precipices known as the Painted Rocks and the Chimneys. The Painted Rocks have a perpendicular elevation of between 200 and 300 feet. Their name comes from the Indian pictures yet to be seen upon them. The Chimneys are lofty cliffs, broken at their summits into detached piles of rocks, bearing much the likeness of colossal chimneys, a fancy greatly improved by the fire-place-looking recesses at their base, and which serve as turn-outs in the narrow causeway. The picture embracing the angle in the river, beyond the Chimney Rocks, is especially fine.

The Indian name of the French Broad is Tselica. Under this title, Mr. Simms has woven into beautiful verse a charming legend of the river. "The tradition of the Cherokees," he says, "asserts the existence of a siren in the

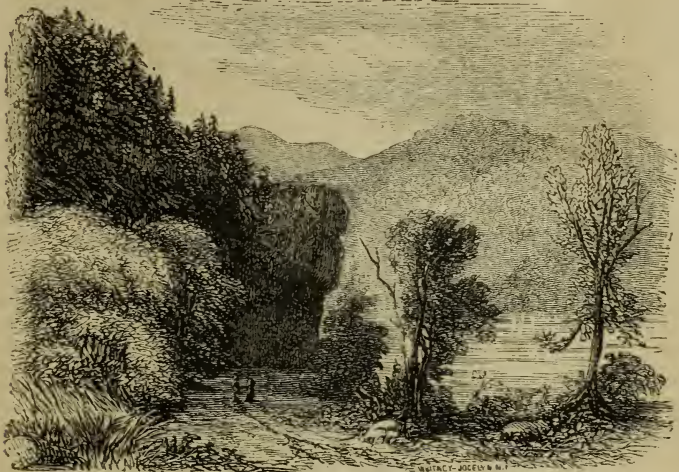
Route to the Warm Springs and the Hill Region

French Broad, who implores the hunter to the stream, and strangles him in her embrace, or so infects him with some mortal disease, that he invariably perishes."

The Warm Springs, across the river from the vicinage of the Painted Rocks, is a very pleasant and popular summer resort. The excellent hotel here occupies a fine plateau, very grateful to the sight, in its contrast with the rugged character of the wild landscape all around.

Route.—To reach the mountain re-

gion of North Carolina, from the north, follow the railways to Raleigh, and proceed thence by the Central Railway, 132 miles, to Salisbury (station), thence by stage to Morgantown, 81 miles, to Ashville, 65 miles. From Charleston, S. C., take the South Carolina railways to Spartanburg, and thence by stage to Ashville; or railway lines through from Charleston, via Columbia, S. C., and Charlotte, N. C., to Salisbury, on the North Carolina Central route, and thence, as before, by stage to Morgantown and Ashville.



The French Broad River, N. C.

SOUTH CAROLINA.

SOUTH CAROLINA is one of the most interesting States in the Union, in its legendary and historic story, in its social characteristics, and in its physical aspect.

Upon its settlement by the English, in 1670, John Locke, the famous philosopher, framed a Constitution for the young colony, after the pattern of that of Plato's Model Republic. Later (1690) the native poetic humor of the people received a new prompting from the influx of French Huguenots, driven from their own land by the Revocation of the Edict of Nantz. This chivalric spirit was fostered by the wars which they shared with the Georgians, under Oglethorpe, against the Spaniards in Florida, and by the gallant struggles in which they were perpetually involved with the Yamasses and other of their Indian

General Remarks—Railways.

neighbors. Next came the long and painful trial of the Revolution, in which these resolute people were among the first and most ardent to take up arms in the cause of Right—the most persistent and self-sacrificing in the prosecution of the contest, under every rebuff, and the last to leave the bloody and devastating fight—a story now told undeniably and gloriously everywhere through her romantic territory, upon the battle-fields, from the mountains to the sea.

The generous temper, from which all this brave history grew, has been ever since nourished and developed by the social circumstances of the people; the kindly and benign influences of a pastoral or agricultural life, cementing, endearing, and perpetuating, through a thousand links, family love, associations, attainments, and possessions. These characteristics have been yet further brought out by the climate, by the physical nature of their home, and by the domestic dependence of one portion of the community, and the ennobling effect of the consciousness of power and the obligations it imposes upon the other.

The physique of the Palmetto State is exceedingly varied. Here, on the seaboard and the south, broad savannas and deep, dank lagunes, covered with teeming fields of rice, and fruitful in a thousand changes of tropical vegetation; in the middle districts great undulating meadows, overspread with the luxuriant maize, or white with snowy carpetings of cotton; and, again, to the northward, bold mountain ranges, lovely valleys, and matchless waterfalls.

“The sunny land, the sunny land, where Nature has displayed,
Her fairest works, with lavish hand, in hill, and vale, and glade;
Her streams flow on in melody, through fair and fruitful plains;
And, from the mountains to the sea, beauty with plenty reigns!”

Railways. The South Carolina Railway traverses the lower portion of the State, 137 miles from Charleston to Augusta, Georgia. There are many stations but no important towns on this route, excepting Aikin, a semi-watering place, 17 miles from Augusta.

The North-eastern Railway will extend north from Charleston to Florence, where it will tap the great highway, from Boston to New Orleans, which now leaves Charleston to the eastward.

The Cheraw and Darlington extends 40 miles to Cheraw from Florence terminus of the North-eastern road from Charleston, on the Wilmington and Manchester.

The Columbia Branch extends 66 miles from Branchville midway, on the South-eastern road to Columbia, the capital of the State. STATIONS—Branchville, on the South Carolina Railway to Rowe's, 9 miles; Orangeburg, 17; Jamieson's, 34; Lewisville, 28; Fort Motte, 35; Kingsville, 41 (Junction of great Mail Route from New York via Wilmington, N. C.); Gadsden, 46;

Hopkins, 54; Hampton, 60; Columbia, 66 miles.

The Wilmington and Manchester extends 172 miles from Kingsville, Columbia Branch of South Carolina road. STATIONS—Kingsville to Wateree Junction, 9 miles (Camden Branch Road diverges here); Manchester, 15; Sumterville, 25; Maysville, 34; Lynchburg, 43; Timmons ville, 52; Florence, 64) North Eastern Road for Charleston and the Cheraw and Darlington, for Cheraw, diverge here); Mar's Bluff, 70; Pee Dee, 76; Marion, 85; Mullen's, 92; Nichol's, 99; Fine Bluff, 108; Grist's, 118; Whitesville, 127; Flemington, 137; Maxwell's, 144; Brinkley's, 154; Wilmington, 171 miles.

The Camden Branch extends 37 miles from Kingsville—Columbia Branch of the South Carolina Road. STATIONS—Kingsville to Clarkson's, 4 miles; Manchester Junction, 9; Middleton, 11; Claremont, 18; Hopkins, 28; Camden, 37 miles.

The Charlotte and South Carolina Railway extends northward, through

PLAN OF CHARLESTON. S.C.



REFERENCES.

- | | |
|--------------------------|--------------------------|
| 1 Old Theatre | 10 Union Bk |
| 2 Exchange Convent | 11 Lib. Prof. Epis. Ch. |
| 3 W. Induery Hall | 20 (Cathedral) Corp. Bk. |
| 4 Albion's Chapel Bk. | 21 Pam. House |
| 5 Mount Hope | 22 Med. College of S. C. |
| 6 Main Guard House | 23 Marine Hospital |
| 7 S. Carolina So. Hall | 24 Jail |
| 8 City Hall | 25 Apprentices Lib. So. |
| 9 Charleston Lab. So. | 26 New Theatre |
| 10 State Bank | 27 Charleston Hotel |
| 11 Bank of S. Carolina | 28 Masonic Hall |
| 12 Rail Road Bank | 29 High School |
| 13 Bank of Charleston | 30 Charleston College |
| 14 Insurance & Trust Co. | 31 Light Guard Bk. |
| 15 S. Carolina Rk | 32 Church |
| 16 Exchange | 33 Rail Road Depot |
| 17 Printers & Stationers | 34 Presbyterian Ch. |

Christians Mill

Five Wells

Charleston and Routes Thither.

the mountain region, 105 miles, from Columbia to Charlotte, North Carolina. The principal places passed are Winnsboro' and Chester. At Chester a railway diverges for Yorkville.

King's Mountain Railway extends 22 miles from Chester (Charleston and South Carolina Road) to Yorkville.

The Greenville and Columbia Railway extends northwest, via Newberry C. H., 143 miles from Columbia to Greenville, with branches and connecting lines to Spartanburg, Laurensville, Abbeville, and Anderson.

The Spartanburg and Union Railway deflects at Alson, from the Greenville and Columbia Railway, 55 miles northwest of Columbia. When finished to Spartanburg it will be 67 miles long.

The Laurens Road extends 32 miles from Newberry, C. H. (Greenville and Columbia Railway) to Laurensville.

The Abbeville Branch of the Greenville and Columbia Road deflects at Cokesbury, 19 miles to Abbeville.

The Anderson Branch (Greenville and Columbia) deflects at Belton, 10 miles to Anderson. From this point and from Spartanburg other roads are in progress to connect with the railway routes of North Carolina and Tennessee.

Charleston from New York.

From New York daily, by railway, to Philadelphia, Baltimore, Washington City, Fredericksburg, and Richmond, Va., Welden and Wilmington, N. C.; thence by Wilmington and Manchester Railway to Kingsville, on the Columbia Branch of the South Carolina Road; thence by Columbia Branch to Branchville, from Branchville to Charleston—Great Mail Route from New York to New Orleans.

The North Eastern Railway, now in progress, from Florence—a station on the Wilmington and Manchester Road—will be a more direct route to Charleston than by the Columbia Branch.

From New York, every Wednesday and Saturday, by ocean steamers. Time, by land or sea, about 50 hours. Steamer passage, \$25.

From New Orleans to Charleston. Steamers daily to Mobile and to Montgomery, Alabama; thence, by railway, to Atlanta; thence, by Georgia Road, to Augusta; thence, by South Carolina Road, to Charleston.

From Savannah to Charleston. Steamers every Monday, Thursday, and Friday.

Charleston, the metropolis of South Carolina, is picturesquely situated at the confluence of the Ashley and Cooper Rivers, which combine to form its harbor. This harbor is deep and spacious, drawing 17 feet of water. The *coup d'œil* is noble, broad, imposing, and highly picturesque. Though the grounds are low, hardly more than 12 feet above high water, the effect is good; and the city, like Venice, seems, at a little distance, to be absolutely rising out of the sea. The bay is almost completely landlocked, making the harborage and roadstead as secure as they are ample. The adjuncts contribute to form a *tout ensemble* of much beauty. Directly at the entrance of the city stands Castle Pinckney, a fortress which covers an ancient shoal. On the sea-line rises Fort Moultrie, famous as Fort Sullivan, in beating off, and nearly destroying, the British fleet, under Sir Peter Parker, in 1776. On the eastern extremity of the same island (Sullivan's) on which Fort Moultrie stands, you may trace the outline of the fortress, which, under Colonel Thompson, with 700 Carolina rifles, defeated Sir Henry Clinton at the very moment when Moultrie drove Sir Peter Parker away from the South. Within the harbor you are arrested by the imposing battlements of Fortress Sumter, which covers the channel with a formidable array of cannon. This fort, with that of Moultrie, constitute the chief defences of the place upon the sea. On James Island you are shown the ruins of old Fort Johnson. On the opposite headlands of the Haddrill you may trace the old lines which helped in the defence of the city, eighty years ago, but which are now mostly covered by the smart village of Mount Pleasant. These points, north, east, and south, with the city lying west of them, bound

Charleston and Vicinity.

the harbor, leaving an ample circuit of bay—coursing over which, from south to north, the eye gladly pursues the long stretch of Cooper River, the Etowando of the Red men, along the banks of which, for many miles, the sight is refreshed by noble rice-fields, and in many places by fine old structures of the ancient and present gentry. Steamers ply up this river, and return the same day; affording a good bird's-eye view of the settlements, along a very picturesque shore line, on either hand. It was up this river that Mr. Webster distinguished himself by shooting an alligator, or rather shooting at him—the alligator diving at the shot, and leaving the matter sufficiently doubtful to enable an old lawyer and politician to make a plausible case of it.

Standing on James Island, or on the battlements of Fort Sumter, the eye notes the broad stream of the Ashley, winding from west of the city, round its southernmost point, to mingle in with the waters of the Cooper. The Ashley was anciently a region of great wealth and magnificence. It is still a river of very imposing aspects—broad, capacious, with banks of green, through which you may still behold some antique and noble edifices. Within the harbor, if you can appropriate a couple of days, you may find them agreeably employed, especially in the summer months, by a trip to Fort Sumter, to James Island, to Mount Pleasant, and Sullivan's Island. The two latter places are favorite and healthy retreats for the citizens of Charleston in mid-summer. The "Mount Pleasant Hotel" is ample, cool, and well kept, with the usual adjuncts of bowling and billiard-saloons. The forests in the immediate neighborhood afford fine drives and picturesque rambles. You pass in twenty minutes from Mount Pleasant to Sullivan's Island. The Moultrie House, at this place, is one of the finest watering-places in the southern country. The sea-bathing is secure; the beach—one of the most capacious—affords hard drives, along the line of breakers, for nearly three miles, to the eastern end of the island,

where the sea, angrily struggling with shoals, to press into the estuaries behind Sullivan and Long Islands, keeps up a perpetual, and not unpleasant roar—exhibiting its passions in a way to inspire no terror.

Charleston was originally founded about 1670. It was subsequently laid out on a plan furnished from England, which was then considered of very magnificent scale; but the streets were narrow, though regularly laid out, and no provision was made for public squares. In this respect, the city is still very deficient. But the general style of building, which gives to each private dwelling a large court of its own, with trees and verandahs, renders the want of public squares less sensibly felt. Originally built of wood, and ravaged by frequent fires, Charleston has become, in a large degree, a city of brick. Its public buildings are some of them antique as well as noble edifices. St. Michael's Church, the State House (now employed for the Courts of Justice), and the Old Custom House, are all solid and imposing structures, raised during the Colonial period. St. Michael's Tower is held in great admiration among the Charlestonians. The Custom House has a traditional character, as distinguished by the British in the Revolution as the prison-house of the patriots. It was in this building that Hayne, the martyr, was kept in bonds; and hence he was led out to execution. The New Custom House, of marble, is making rapid progress, and promises to be one of the finest specimens of American architecture. The several churches of St. Philip's (Episcopal), St. Finibar (Catholic), Citadel Square (Baptist), Central (Presbyterian), are all fine edifices; the towers of St. Finibar's, of St. Philip's, and the Baptist's, being more than 200 feet in height.

Among the objects of public curiosity is the Orphan Asylum—a magnificent structure, capable of accommodating some 300 proteges of the city. Its number of girls and boys (orphans) may range from 150 to 200 young men—one half of them being beneficiary stu-

Charleston and Vicinity.

dents, or *élèves* of the State. The plan of education is borrowed, in part, from the system at West Point, and in part from the *Polytechnique School of France*. Its graduates are among the most distinguished and successful perhaps of all our colleges, and are more thoroughly grounded in the *useful* pursuits than any other. To examine these two institutions will afford the stranger very grateful employment for a day.

The environs of the city afford a variety of very pleasant *drives*. The Battery, which is the *Charleston Prado*, *Plaza*, *Alameda*, *Carrousel*, is of great resort on pleasant afternoons; thronged with carriages and pedestrians. Its gardens are, on such occasions, crowded with happy children. But take a coach and drive to the *Magnolia Cemetery*—a beautiful “city of the silent”—the Greenwood and Mount Auburn of Charleston. You will find this a lovely retreat; well laid out; mingled woods and waters—looking out on the Cooper, whose streams find their way into its pretty lakelets, over which the live oak hangs its Druid masses. From this scene drive across to Ashley River; cross this broad stream, here a mile in width, and find yourself at once in the *country*, among cotton plantations and lovely farmsteads. If you have time, continue your drive a few miles farther, to the “Old Parish Church of St. Andrew,” one of the most antique churches built by the early settlers under the Anglican *régime*.

The great avenue from Charleston into the country, was pronounced by *Archdale*, one of the Lords Proprietors, such an avenue as no prince of Europe could boast. This was due to the noble oaks and magnolias, the myrtles and the jessamines, which lined it on

either hand, making it a covered way, embowered in shade, grateful in green, venerable with moss, and giving out a perpetual fragrance from a world of summer flowers.

Returning to the city you will find yourself interested in numerous public buildings and institutions, all of which are of interest to the traveller, who is either studious or simply curious. Charleston is especially rich in her public charities:—the South Carolina, Fellowship, Hibernian, Hebrew, German, and a variety besides, all of whom have large endowments and fine buildings. She has a Literary and a Medical College in prosperous exercise. The College Library contains some 10,000 volumes; the Charleston Library, some 30,000; the Apprentices', 12,000; the College Museum is second to none in the United States.

The **Hotels** are numerous, and among



Entrance to the Magnolia Cemetery, Charleston, S. C.

Charleston—The Seaboard and Lowlands.

the most stately edifices in the city. They are usually kept in a style which will rank with any in the country. Among the most conspicuous of these are the "Charleston Hotel," the "Mills House," the "Calder House," the "Pavilion," and the "Planters' Hotel." The charges at these houses range from \$1 50 to \$2 50 *per diem*. The "Charleston Hotel," the "Mills House," and "Pavilion Hotel," are particularly good specimens of Charleston architecture.

The commerce of Charleston, once equal to that of any city on the Atlantic, has undergone many fluctuations. It is now reviving, and gradually increasing in extent and profit. She is slowly building up a marine of her own. Her chief exports are rice, cotton, tobacco, lumber, tar, pitch, and turpentine. Her farms now contribute their *spring* supplies to New York and other Northern cities. The quantity of rice raised within the State, and exported through Charleston, exceeds that of any other State and city; and the enterprise of her merchants and citizens in the construction of railways to the Appalachian Mountains, is adding largely to her importance as a *depot*, and place of trade and transit for the great interior of the West. She has steam lines to New York, Philadelphia, Baltimore, Havana, and Florida. Her population is now estimated at 60,000 inhabitants, of whom 20,000 are slaves.

We have indicated Fort Moultrie as a spot distinguished by one of the greatest battles of the Revolution; but the chronicles of Charleston show, besides, a long series of gallant struggles with powerful enemies. She has been threatened by the Red men, who, in formidable alliance, brought down their numerous tribes to her very gates. She has been assailed by fleets of the Spaniards and the French. Her colonial existence was one long struggle with the Spaniards and the savages. In the revolutionary contest she took a first and most distinguished part *against* the Crown; was thrice assailed by the British, and only succumbed finally to their arms, after a leaguer of two

months, and when half the city was in ruins, and the people were suffering from famine. She has contributed some of the most able and patriotic men to the Republic in arts, arms, statesmanship, science, and literature. She is the birthplace of Christopher Gadsden, William Moultrie, Charles Cotesworth and Thomas Pinckney; Henry Middleton, Arthur Middleton, Thomas Lynch, John and Edward Rutledge, William Lowndes, Joel R. Poinsett, Stephen Elliott, Hugh Legaré, Holbrook, Haynes, (R. Y.) and scores besides, who have left honorable memorials, national as well as sectional, of which she may be justly proud, and to which the Confederacy itself is happy to do honor. The descendants of these great men still survive, and serve to give character to society, and to add to the attractions of the city. Let the traveller, if he can, give a week to Charleston, and he will find its scenery, its society, its characteristics, quite sufficient to exercise his curiosity and thoughts during that period; but if he can appropriate two days only, we have shown him how these may be profitably spent.

The Seaboard and Lowland towns, villages, and plantations, may be reached by the steamboats which ply between Charleston and Savannah, or by stage or carriage from the line of the railway. The traveller will not see them in their own peculiar beauty, because the climate in summer time, when the wonderful tropical vegetation covers the rank earth, is not to be braved by the unacclimated. The planters themselves, indeed, remove, with their families, at this season, either to the uplands or to the little sandy pine-covered elevations with which the country is dotted. The negroes, alone, can bear the summer airs of the lowlands without ill results. In the winter, though, life may easily be made enjoyable in the villages here, under the balmiest and most healthful of temperatures, and in the midst of genial and refined society.

Beaufort, in the extreme southern part of the State, 16 miles inland, on a

"Woodlands," the Home of W. Gilmore Simms.

small arm of the sea, is a pleasant little village, where one might winter quietly and healthfully. The steamers (inland route) from Charleston to Savannah call here.

The Lowlands of Carolina.—The journey on the South Carolina railway will give the traveller some inkling of the lowland features of the southern landscape; though not in its strongest or most interesting character. Since much of the way is through extensive pine forests, which makes the rhyming sneer bestowed upon this part of the country not altogether inapt:

"Where to the North, pine trees in prospect
rise;
Where to the East, pine trees assail the skies;
Where to the West, pine trees obstruct the
view;
Where to the South, pine trees forever grew!"

But a second glimpse will reveal, amidst all these "pine trees," the towering cypress, with its foliage of fringe and its garlands of moss—the waxen bay-leaf, the rank laurel, and the clustering ivy; and, if you are watchful, you may catch, in the rapid transit of the cars through the swamps, glimpses of almost interminable cathedral aisles of cypress and vine, sweeping through the deeper parts of the boundless lagoons. But a railroad glimpse, and especially at the speed with which you travel here, is quite insufficient for reasonable observation. At Woodlands, a mile only south of Midway, the centre of the road, lives the distinguished poet and novelist, Simms; and, as he is always upon hospitable thoughts intent, we will pay him a flying visit, not doubting of our welcome. Yonder, in that wide and spreading lawn, stands our author's mansion—an old-fashioned brick structure, with massive and strange portico. The ranks of orange-trees and live oak which sentinel his castle, are the objects of his tenderest care—true and ardent lover of nature as he is. Mr. Simms has a particular fondness for the especial grape-vine, depending in such fantastic and numberless festoons from the limbs of yon venerable tree. He has immortalized it in

his song; and, as it is a good specimen of its class—a class numerous in the South—we will pay it an humble tribute in our prose. It is strong-limbed as a giant—and, but for the grace with which it clings to the old forest-king, would seem to be rather struggling with him for his sceptre, than loyally and lovingly suing for his protection. The vine drops its festoons, one beneath the other, in such a manner that half a dozen persons may find a cozy seat, each over his fellow, for a merry swing. On a dreamy summer eve, you may vacillate, in these rustic couches, to your heart's content; one arm thrown round the vine will secure you in your seat, while the hand may hold the favorite book, and the other pluck the delicious clusters of grapes, which, as you swing, encircle your head like the wreath upon the brow of Bacchus. If the rays of the setting sun be hot, then the rich and impenetrable canopy of foliage above you will not prove ungrateful.

A stroll over Mr. Simms' plantation will give you a pleasant inkling of almost every feature of the Southern lowlands, in natural scenery, social life, and the character and position of the slave population. You may sleep sweetly and soundly within his hospitable walls, secure of a happy day on the morrow, whether the rain holds you prisoner within doors, or the glad sunshine drags you abroad. He will give you a true Southern breakfast, at a very comfortable hour, and then furnish you abundant sources of amusement in his well-stocked library, or suffer you to seek it elsewhere, as your fancy listeth. At dinner, you shall not lack good cheer, for either the physical or the intellectual man, and then you may take a pleasant stroll to the quiet banks of the Edisto—watch the raft-men floating lazily down the stream, and interpret as you will the windings and echoes of their boat-horns—or you may muse in the shaded bowers of Turtle Cove, or either of the many other inlets and bayous of the stream. Go where you may, you must not fail to peep into the



Swamp Scene, S. C.

dark and solemn swamps. You may traverse their waters on wild bridges of decayed and fallen trees; you may dream of knight and troubadour, as your eye wanders through the gothic passages of cypress, interlacing their branches, and bearing the ever-dependent moss, which hangs mournfully, as if weeping over the desolation and death which brood within the fatal precincts. If you fear not to startle the wild-fowl, to disturb the serpent, or to encounter the alligator, you may enter your skiff, and, sailing *through* the openings in the base of the cypress, you may penetrate at pleasure, amidst bush and brake, into the mystic chambers of these poisonous halls. Mr. Simms has beautifully described these solemn scenes in his "Southern Passages and Pictures:—"

"'Tis a wild spot, and hath a gloomy look;
The bird sings never merrily in the trees,
And the young leaves seem blighted. A rank
growth
Spreads poisonously round, with power to
taint,
With blistering dews, the thoughtless hand
that dares
To penetrate the covert. Cyresses
Crowd on the dark, wet earth; and stretched
at length,
The cayman—a fit dweller in such home—

Slumbers, half buried in the sedgy grass.
Beside the green ooze where he shelters him.
A whooping crane erects his skeleton form,
And shrleks in flights. Two summer-ducks
aroused
To apprehension, as they hear his cry,
Dash up from the lagoon, with marvellous
haste,
Following his guidance. Meetly taught by
these,
And startled by our rapid, near approach,
The steel-jawed monster, from his grassy bed,
Crawls slowly to his slimy, green abode,
Which straight receives him. You behold him
now,
His ridgy back uprising as he speeds,
In silence, to the centre of the stream,
Whence his head peers alone."

* * * * *

Rambling, once upon a time, through the negro quarters of Mr. Simms' plantation, we amused ourself in studying the varied characters of the slaves, as shown in the style of their cabins, the order in which they kept them, the taste displayed in their gardens, etc.; for every man has all the material and time at his command to make himself and his family as comfortable as he pleases. The huts of some bore as happy an air as one might desire; neat palings enclosed them; the gardens were full of flowers, and blooming vines clambered over the doors and windows. Others, again, had been suffered by the

The Lowlands.

idle occupants to fall into sad decay; no evidence of taste or industry was to be seen in their hingeless doors, their fallen fences, or their weed-grown gardens. These lazy fellows were accustomed even to cut down the shade-trees which had been kindly planted before their homes, rather than walk a few yards further for other and even better fuel. The more industrious of the negroes here, as elsewhere, employ their leisure hours, which are abundant, in the culture of vegetables and in raising fowls, which they sell to their masters, and thus supply themselves with the means to purchase many little luxuries of life. For necessities they have no concern, since they are amply and generously provided with all which they can require. Others who will not thus work for their pin-money, are dependent upon the kindness of their masters, or more frequently upon their ingenuity at thieving. Many of them sell to their master in the morning the produce they have stolen from him the previous night. At least, they all manage to keep their purses filled; and we were assured that not one, had he occasion or desire to visit Charleston or Augusta, but could readily produce the means to defray his expenses. One old woman was pointed out to us, who had several times left the plantation with permission to remain away as long as she pleased; yet, although her absences were sometimes of long continuance, she was too wise not to return to a certain and good home. Wander how and whither she would, in due time her heart would join the burden of the song:

"Oh! carry me back to old Virginny,
To old Virginny's shore!"

While once visiting some friends in Carolina, we had the pleasure of witnessing the bridal festivities of one of the servants of the family, a girl of some eighteen years. The occasion was one of those pleasant things which long hold place in the memory. For days previous, the young ladies of the household gayly busied themselves in

kind preparations for the event; in instructions to the bride, in the preparation of her white muslin robe, of her head-dress, and other portions of her toilet, in writing her notes of invitation to her sable friends—Mr. Sambo Smith or Miss Clara Brown, according to the baptisms of their respective masters, whose names the negroes of the South always assume. In our quality of artist, we had the pleasure to expend our water-colors in wreaths of roses, and pictures of cupids, hearts, and darts, and so on, upon the icings of the cakes which the young ladies had prepared for the bridal feast; and who knows but that our *chef d'œuvres* were consumed by ebony lips on that memorable night! The ceremony took place in the cabin of the bride, and in presence of the whites; and then followed revelry, feasting, and dancing upon the lawn, much to the delight of the happy pair and their dark friends, and scarcely less to the pleasure of the bride's kind mistresses and of all of us who witnessed their sports from the parlor windows. By the way, when you journey in the South, line your pockets with tobacco, dispense it generously to the darkies, and they are your friends for life.

As we have said, Woodlands and its vicinage will enlighten you as to the *genus* of the scenery of all the lowlands of the South. This *genus*, however, you will find as you ramble from the seaboard towards the interior, subdivided into many species, each widely varying from the other. Upon the seaboard, and its many lovely and luxuriant islands, you will find the *beau idéal* of Southern soil, climate, vegetation, architecture, and character. Here abound those lovely inlets and bays, which make up the absence of the lake-scenery of the North. These bayous and lakclets are covered with the rankest tropical vegetation; they abound in every species of wild-fowl—birds of the most gorgeous plumage, songsters of the sweetest notes—the mocking-bird and the nightingale, the robin, and a host of other equally celebrated war-

blers. Here, the foliage is so dense and rich, in form and color, that a poor imagination will readily people the spot with elves and sprites: and there, again, so dark and solemn are the caverns, overshadowed by the impenetrable roofs of leaves, that you may readily interpret the screech of the owl, the groan of the bull-frog, and the hiss of the serpent into the unearthly wail of damned spirits. These are fitting haunts for the sad and contemplative mind at the witching hour of night.

Here, the rice plantations abound. Many of them are of great extent, some of the planters employing several hundred slaves. The white population is thus necessarily thin, yet opulent. The cabins of the negroes on these extensive domains, surrounding the mansion, and its many out-buildings of the proprietor, give to every settlement the aspect of a large and thriving village. There is something peculiarly fascinating in this species of softened feudal life. The slaves are, for the most part, warmly attached to their masters, and they watch over their interests as they would their own. Indeed, they consider themselves part and parcel of their master's family. They bear his name, they share his bounty; and their fortune depends wholly upon his. Through life they have every comfort; the family physician attends them when sick, and in their old age and imbecility, they are well protected. They glory in their master's success and happiness; their pride is in exact proportion to the rank of the family they serve; and, whatever that may be, they still cherish a haughty and self-satisfied contempt for "poor white folks."

"Go 'way, Sambo," we once heard one of these jovial lads exclaim to another, whose ill-fortune it was to serve a less opulent planter than himself; "go 'way, Sambo, your massa only got fifty niggers; my massa got hundred." And he pulled up his shirt-collar, and marched pompously off with the step and air of a millionnaire.

The masters, themselves, descended from an old chevalier stock; and, ac-

customed through many generations to the seclusion of country life, and that life under Southern skies, and surrounded with all the appliances of wealth and homage, have acquired an ease, a grace, a generosity, and largeness of character, incompatible with the daily routine of the petty occupations, stratagems, and struggles of modern commercial and metropolitan life, be it in the South or the North.

Where the swamps and bayous do not extend, the country, still flat, is mostly of a rich sandy soil, which deeply tinges the waters of all the rivers from the Atlantic to the Mississippi. This is the grand characteristic of the southern portions of all the Gulf States. The rivers, as they extend towards the interior, are lined with high sandy bluffs, which, still further northward, give place, in their turn, to mountain ledges and granite walls. These streams, from the Mississippi to the Alabama, the Chattahoochee and the Savannah, to the smaller rivers of Carolina and Florida, are filled with sandy islands, ever changing their position and form. Frequently high freshets occur in them, completely altering their channels, and bearing away the produce of whole plantations, from the cotton bale to the family domicile, and the century-aged tree which shaded it. In crossing the smaller water-courses of the South, we have often observed marks of the extent of a freshet upon high trees, at an elevation of 50 or 60 feet above our head. They are sometimes an excessive bore to the hurried traveller, holding him water-bound for days together, and invariably in places where, of all others, he does not love to tarry.

We happened to be in Augusta years ago, during a great rise in the waters of the Savannah. In the course of some few hours, the river had extended its limits throughout the city, and over the plain for miles in every direction. It was a novel and beautiful sight to gaze from your balcony, upon this unlooked-for Venice. Boats were sailing in every direction through the streets—even the ponderous crafts of the

The Interior Towns.

Savannah, capable of holding fifty or sixty men. We observed the pretty vessel of the "Augusta Boat Club," dashing up Broad street and under the hotel windows, with the crew in full dress, music sounding, and gay banners waving upon the air! A ferry was established to pick up passengers at their doors or windows, and convey them to the base of the Sand-hills, a summer retreat, some three miles to the northward. The cross streets, leading from the river, were washed away to the depth of many feet, and for days afterwards passengers were transported across them in flats and bateaux.

From these freshets, with the innumerable stagnant pools which they leave, together with the miasma arising from immense quantities of decaying vegetable matter, spring many of the local fevers and diseases of the South. In Augusta, the yellow fever followed the great freshet, and carried off, during the brief space of a few weeks, nearly three hundred of the inhabitants. This terrible scourge had not previously visited the city for eighteen years, and has not since returned.

Georgetown, one of the oldest settlements in South Carolina, is about 15 miles from the sea, on Winyaw Bay, near the junction of the Pedee, Black, and Waccamaw Rivers. Some revolutionary memories are awakened here. In 1780 the vicinage was the scene of a skirmish between American and British troops, and in 1781 it was taken from the enemy by General Marion, and the military works destroyed.

Columbia, the capital of South Carolina, is 128 miles from Charleston, by the South Carolina Railway, and the Columbia Branch. It is connected by railway with the great route from New York to New Orleans, with Augusta, Georgia, and with Camden, Cheraw, and most of the interior and mountain villages of the State. It is a beautiful city, situated on the bluffs of the Congaree, a few miles below the charming falls of that river. It is famous for its delightfully shaded streets, its wonder-

ful flower gardens, and the model plantations in its vicinity. Nothing can be more inviting than the walks and drives in the neighborhood. The South Carolina College, located here, is a prosperous institution, with from 150 to 200 students. The new capitol building of granite, now in progress, will be a noble edifice, costing about three millions of dollars.

The college and State libraries are large and choice. The lunatic asylum is an object of great interest. Here, also, is the theological college of the Presbyterian Church, and a Roman Catholic establishment. The population of Columbia is about 8,000.

Camden is 33 miles north-east of Columbia, with which it is connected by railway, though with such considerable detours, as to increase the distance to 52 miles. A direct line is in progress. Distance from Charleston by railway, 140 miles. It is on the Wateree River, navigable to this point by steamboats. Camden is a place of great historic interest. A battle was fought here in August, 1780, between the Americans, under General Gates, and the British, under Lord Cornwallis; and another in April, 1781, between General Greene and Lord Rawdon. The scene of the latter struggle is the south-eastern slope of Hobkirk's Hill, now called Kirkwood, a beautiful summer suburb of the old town. Upon the Green, in front of the Presbyterian Church, on De Kalb street, there is a monument over the grave of Baron De Kalb, who fell in the battle of August, 1780, at Camden. The corner stone was laid in 1825, by La Fayette. The head-quarters of Cornwallis, to be seen here, is a fine old building in ruins. On the Market House, there is a well-executed metallic effigy, 10 feet high, of King Haiglar, a most famous chieftain of the Catawbas. Mr. Simms has made this curious relic the theme of one of his fine legends.

Fort Motte, an important Revolutionary relic, is upon high terrace ground, near the Bull's Head Neck, on the Congaree, just above its meeting with the

The Mountain Region.

Wateree, 33 miles below Columbia, and *en route* thence from Charleston.

Cheraw, near the northern line of the State, is at present 207 miles from Charleston, and 129 miles from Columbia by railway. The north-eastern railway, now partly in operation, will open a direct and much nearer route from the former city, and a direct road from the latter is in contemplation. Cheraw is on the Great Pedee River, at the head of steam navigation.

Orangeburg, is on the line of the South Carolina (Columbia branch) Railway, 97 miles from Charleston, and 49 from Columbia. It is a spot of historic interest, near the banks of the Edisto River. It formed a link in the chain of military posts established by the British after the fall of Charleston. Among the old relics here, are some remains of the works erected by Rawdon, near the Edisto, and the old Court House, which bears traces, in the shape of bullet marks, of the assault made by Sumter in 1781.

Eutaw Springs. This interesting spot, the scene of the famous battle of Eutaw, is about 40 miles below Orangeburg, and 60 miles north-west of Charleston.

THE MOUNTAIN VILLAGES AND SCENERY OF SOUTH CAROLINA.

The northern districts of South Carolina, form, with the neighboring hill region of Georgia, and the western portion of North Carolina, one of the most interesting chapters in the great volume of American landscape beauty and wonder. In mountain surprises, picturesque valley nooks, and delicious waterfalls, this region is nowhere surpassed in all the Union. Beautiful and healthful villages, with high social attractions, afford most agreeable homes and head-quarters to the hunter of the picturesque. These villages are favorite summer resorts of the people of the lowlands of the State; and their elegant mansions and villas are every year more and more embellishing all the vicinage.

Greenville, in the north-west corner of the State, lies at the threshold of the

chief beauties of this region, and gives ready access to all the rest. It is distant by railway—from Charleston, 271 miles—from Columbia, 128 miles. The village is beautifully situated on Reedy River, near its source, and at the foot of the Saluda Mountain. It is one of the most popular summer resorts in the up-county of Carolina, being in the immediate vicinity of the Table Mountain, the White Water, and the Slicking Falls, the Jocassee, and Saluda Valleys, the Keowee River, Paris Mountain, Cæsar's Head, and numerous other bold peaks of the Blue Ridge.

The **Table Mountain** is in Pickens District, in the north-west corner of South Carolina, about 20 miles above the village of Greenville. It is one of the most remarkable of the natural wonders of the State, rising as it does 4,300 feet above the sea, with a long extent on one side of perpendicular cliffs, 1,000 feet in height. The view of these grand and lofty rocky ledges is exceedingly fine from the quiet glens of the valley of the cove below, and not less imposing is the splendid amphitheatre of hill-tops seen from its crown. The record of one of our own journeys to this interesting locality stands thus in our note-book:

Approaching the broad perpendicular side of the mountain, at its base, we came upon it suddenly; a right-angled descent in our path revealed one of the most charming *coup d'œil*s I ever enjoyed. In the foreground lay, in pastoral beauty, the sweet valley of the cove, diversified with greensward and cultivated land, and embellished with a most picturesque and orthodox log-cabin. In the middle ground, rose from the bosom of the vale, a line of mountains, robed in richest verdure, upon which, as a crowning point, the mighty Rock displayed its towering front. Besides these magic features, were others of winning beauty. Turning the eye, the Bald Mountain, Cæsar's Head, and other chains, were visible. The ear, too, detected, though unseen, the infantile murmurings of the Saluda River, as it swept through the valley, from its source, a few miles north of the great

The Hill Region—Table Mountain.

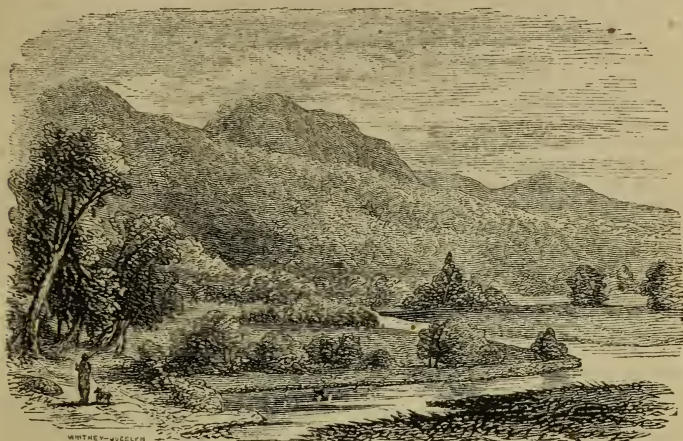


Table Mountain, S. C.

Rock, and between it and the adjoining space of the Alleghanies. The Stool Mountain to the left, and near the Rock, forms a prominent feature in the picture. I was told a pretty Indian legend, substantiating the former existence of an aboriginal brobdignagian, whose colossal person and lordly appetite could be satisfied with no humbler seat than the "Stool" in question, and no less a board, than the noble "Table." Hence the names. Such accommodations would suit well for the statue of the prince, into which the Grecian sculptor was assigned the trifling task of cutting the Athenian Acropolis! The Rock, of course, derives its name from its resemblance in form to the table. This resemblance, however, is only general. It is a solid mass, oblong in form. The northern front perpendicular, and over half a mile in extent. The eastern is considerably inclined. The southern admits of easy ascent. On the north, the elevation of the rock is about 1,000 feet, gradually declining towards the western verge. The entire elevation above the level of the sea is 4,300 feet.

A long and toilsome ramble, over

hill and dale, led us to the foot of the Rock at the usual place of ascent, on the eastern façade. On the way, we encountered near the Rock a little lake, more properly called the "Pool." It was environed with straggling and massive pieces of stone, that had fallen at various times from above. Probably crumbs, that escaped at the orgies of the before-mentioned ideal lord of the domain. The ascent is made by means of flights of wooden steps, secured to the rock. Of these steps, we counted about 130. They are substantially built, and with the assistance of the rail or banister, the passage is safe and tolerably easy. From the summit we enjoyed a wide-spread and most enchanting panorama.

Among the many mountains seen from our eyry station, was the commanding form of Cæsar's Head. It is the highest in the vicinity, and well deserving a visit. Across this valley was the distant gleam of the Fall of Slicking; its long line of sparkling spray heightened much the beauty of the scene. The Stool Mountain, which is prominent from the valley below, here dwindles to its proper height.

The Falls of Slicking—Pendleton—Home of Calhoun.

The top of the Rock, which is comparatively level, is of great extent. In many places the surface is stony, in others alluvial and covered with noble trees. Near the centre, the remains of a hut exist; a building erected as a kitchen to a hotel, which it was once contemplated to erect on the Rock. Though the enterprise was given up, it is not at all impracticable. The 50 or 60 acres of tillable land might furnish provisions, while for water, there is a spring, of the most grateful purity and coolness, near the middle of the isolated and elevated demesne.

The Falls of Slicking are in the mountain glens, on the opposite side of the valley, at the base of the Table Rock.

Leaving the cabin at the base of the Saluda mountain, the tourist in his ascent, soon finds himself following the windings of the river. After the passage of about one-quarter of a mile he reaches the "Trunk," so called from its being the point of junction of two different branches of the river or creek; the distance between these streams as you continue to ascend, gradually increases, and when near the summit they are widely separated; they bear one name, and abound, each, in cascades. The right-hand branch is the more picturesque, and is the one by which the visitor is usually conducted.

The "Trunk" is decidedly the gem of all the locales, and for that reason many forbear visiting it as they *ascend* the mountain, philosophically leaving it until they have surveyed the lesser beauties. Such shall be our course now. Following then the right or south branch of the stream, the traveller is now lost amid the forest trees, and now reaching a spread of table-land, sees at his feet a tranquil stream; above him sport the feathery waters; below, wave the tops of giant trees; and beyond arises, in majestic grandeur, the Table Rock, surrounded by numerous attendant peaks. Again he is hidden in the thick foliage, and again and again he reaches the rocky terrace with its basin and its cascade, and its mountain distance, each view improved by the in-

creased elevation. Near the summit is such a terrace as I describe, with a perpendicular fall of considerable extent. From this point is a charming view of the neighboring mountains of Caesar's Head, Bald Mountain, the Pinnacle Rock and other spurs. This site is second only to the "Trunk," to which we now return.

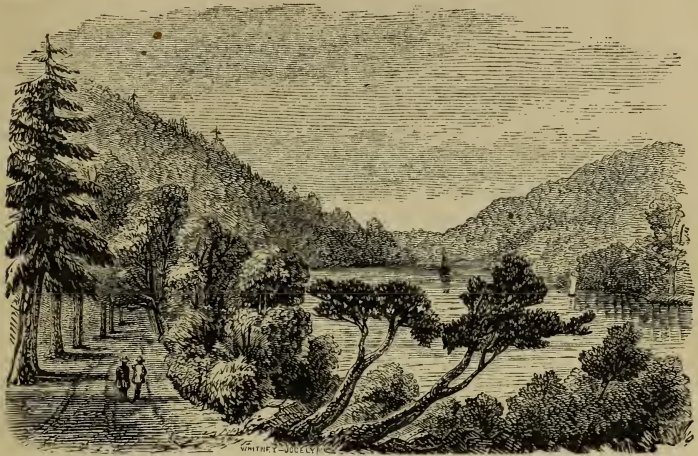
At the "Trunk"—a scene of remarkable charms, where one may linger long unweariedly—the two streams fall perpendicularly some 70 feet, mingling in one in the basin below. This basin is easily accessible, and nowhere is there a more secluded or more wildly picturesque spot. Save when in his meridian, the sun's rays seldom violate its solitude. On one side are the two cascades leaping in snowy masses from rock to rock, and on others are mighty bulwarks of venerable stone, here and there studded with the adventurous shrub or overhung with rich foliage.

Pendleton is an agreeable little village, on Eighteen Mile Creek, Anderson District, in the mountain region of the north-west corner of South Carolina. The South Carolina Railway and its branches approach a few miles below at Anderson Court House, thus very nearly connecting it with Charleston, Columbia, Greenville, and most of the middle towns of the State. It is interesting, from its vicinage to much picturesque scenery, and to Fort Hill, once the home of Calhoun.

Fort Hill, once the residence of the statesman John C. Calhoun, is a few miles only from the village of Pendleton. It is a plain but comfortable building of wood, with piazzas and other fittings and arrangements, after the usual fashion of southern country houses. Here Mr. Calhoun lived in his months of release from the toils of public life, venerated by the humblest and highest of his neighbors for his noble and gentle private virtues and graces, no less than he was honored abroad for his unrivalled genius as a statesman and orator.

Walhalla, a flourishing German settlement, is in this region.

Pickens—The Keowee—Jocassee Valley—The White Water Cataracts.



The Keowee River, S. C.

Pickens Court House is a few hours' ride, on horseback or carriage, north of Pendleton and west of Greenville. It is within excursion distance of the Keowee River, the Valley of Jocassee, the Cataract of the White Water and other interesting scenes.

The Keowee, a beautiful mountain stream, in Pickens District, S. C., with the Tugaloo River, forms the Savannah. The road to the Valley of Jocassee lies along its banks.

"I have been where the tides roll by,
Of mighty rivers deep and wide,
On every wave an argosy—
And cities builded on each side:
Where the low din of commerce fills
The ear with strife that never stills.

Yet not to me have scenes like these,
Such charms as thine, oh peerless stream!
Not cities proud my eye can please—
Not argosies so rich I deem—
As thy cloud-vested hills that rise—
And forests looming to the skies!"

The Keowee region is full of romantic memories of the Cherokee wars.

The Jocassee Valley, in Pickens District, near the northern line of the State, is one of the most charmingly

secluded little nooks in the world, environed as it is on every side, except that through which the Keowee steals out, by grand mountain ridges. The chief charm of Jocassee is, that it is small enough to be felt and enjoyed all at once, as its entire area is not too much for one comfortable picture. It is such a valley as painters delight in.

The White Water Cataracts are an hour or two's tramp yet north of Jocassee. Their chief beauty is in their picturesque lines and in the variety and boldness of the mountain landscape all around: though they would still maintain their claims to the universal admiration, for their extent alone, even were the accessory scenes far less beautiful than they are. The number of visitors here is increasing year by year, and the time is approaching when this and the thousand other marvels of nature in the Southern States will win tourists from the north, as the White Mountains and the Catskills, and Trenton and Lake George now attract pilgrims from the South.

Adjoining this most attractive region of South Carolina, and easily accessible

Spartanburg—Battle-fields of the Cowpens and of King's Mountain—Yorkville.

therefrom, are the many beautiful scenes of the western portion of North Carolina, of which we have already spoken, and of Tallulah and Toccoa and Yonah and Nacoochee and numerous other lovely spots in the hill-region of Georgia, which we have yet to visit.

Spartanburg is connected with Charleston by railway via Columbia, and Union—distance 220 miles. The village of Spartanburg is in the midst of a mineral region, famous for its gold and iron. Here, too, are some celebrated limestone springs. The place is the seat of a University, endowed by Benjamin Wofford, and controlled by the Methodists; also of a prosperous Female College. A distinguished Asylum for the Deaf, Dumb and Blind is located here. Within the limits of this district is the memorable revolutionary battle-field of the Cowpens.

The Battle-field of the Cowpens, (January 17, 1781,) is on the hill-range called the Thicketty Mountain. In the olden time the cattle were suffered to graze upon the scene of the contest—from whence its name. Without reviewing the incidents in detail of the important fight of the Cowpens, we will remind the reader that it was a brave one, resulting in the defeat and retreat of the British under Tarleton, with a loss of 10 officers and 90 privates killed, and 23 officers and 500 privates taken prisoners. The American loss was about 70, of whom only 12 were killed.

Yorkville, midway on the upper boundary of South Carolina, is in the heart of its beautiful mountain scenery, and is, besides, the particular point from whence the tourist may the most easily and speedily reach the scenes of the historic events, which so heighten the pleasure of travel in all this region—every plantation telling a thrilling tale of its own—for during the last three years of the war of the Revolution, there was unceasing struggle here, between the partisan bands of the patriots and the British troops.

Route. **Yorkville** is 212 miles from Charleston by the South Carolina Railway and the Columbia Branch to Colum-

bia, thence by the Charlotte and South Carolina Railway to Chester, and thence by the King's Mountain Railway to Yorkville. A line of railways comes in at Chester, just below Yorkville, from Weldon and Goldsboro', N. C. (on the great Northern and Southern route), via Raleigh and Charlotte, N. C. This is a pleasant access from New York, via the mountain region of North Carolina, to that of South Carolina and Georgia.

The village of Yorkville is situated upon an elevated plain on the dividing ridge between the Catawba and the Broad Rivers. In the vicinage there are some valuable sulphur and magnesia waters, to add to the attractions of winning scenery and romantic story which the region so abundantly offers to the tourist.

King's Mountain Battle-field lies about 12 miles north-east of Yorkville, about a mile and a half south of the North Carolina line. The King's Mountain range extends about sixteen miles southward, sending out lateral spurs in various directions. The scene of the memorable battle fought in this strange place is just below the summit of the hill. A simple monument to the memory of Ferguson and others marks the spot, and on the right there is a large tulip-tree, upon which it is said ten Tories were hanged.

The story of the eventful battle of King's Mountain is thus told in the words of General Gates: "On receiving intelligence," he says in his report, "that Major Ferguson had advanced up as high as Gilbert Town, in Rutherford County, and threatened to cross the mountains to the western waters, Col. William Campbell with 400 men from Washington County, Virginia, Colonel Isaac Shelby with 240 men from Sullivan County, N. C., and Lieut. Colonel John Sevier with 240 men of Washington County, N. C., assembled at Watanga, on the 25th of September (1780), where they were joined by Col. Charles McDowell with 160 men from the counties of Burke and Rutherford, having fled before the enemy to the western

Battle-field of King's Mountain.

waters. We began our march on the 26th, and on the 30th we were joined by Col. Cleaveland, on the Catawba River, with 350 men from the counties of Wilkes and Surry. No one officer having properly a right to the command in chief, on the 1st of October we despatched an express to Major General Gates, informing him of our situation, and requesting him to send a general officer to take command of the whole.

"In the mean time Col. Campbell was chosen to act as commandant, until such general officer should arrive. We marched to the *Cowpens* on Broad River, in South Carolina, where we were joined by Col. James Williams, with 400 men, on the evening of the 6th of October, who informed us that the enemy lay encamped somewhere near the Cherokee Ford of Broad River, about 30 miles distant from us. By a council of principal officers it was then thought advisable to pursue the enemy that night with 900 of the best horse-men, and have the weak horses and footmen to follow us as fast as possible. We began our march with 900 of the best men about 8 o'clock the same evening, and marching all night, came up with the enemy about 3 o'clock, P. M., of the 7th, who lay encamped on the top of King's Mountain, 12 miles north of the Cherokee Ford, in the confidence that they would not be forced from so advantageous a pass. Previous to the attack, on our march the following disposition was made: Col. Shelby's regiment formed a column in the centre on the left, Col. Campbell's regiment another on the right, while part of Colonel Cleaveland's regiment, headed in front by Major Joseph Winston and Colonel Sevier formed a large column on the right wing. The other part of Cleaveland's regiment, headed by Colonel Cleaveland himself, and Col. Williams' regiment composed the left wing. In this order we advanced, and got within a quarter of a mile of the enemy before we were discovered. Col. Shelby's and Col. Campbell's regiments began the attack, and kept up a fire on the enemy, while the right and left wings were ad-

vancing to surround them, which was done in about five minutes, and the fire became general all around. The engagement lasted an hour and five minutes, the greater part of which time a heavy and incessant fire was kept up on both sides. Our men in some parts where the regulars fought, were obliged to give way a distance, two or three times, but rallied and returned with additional ardor to the attack. The troops upon the right having gained the summit of the eminence, obliged the enemy to retreat along the top of the ridge to where Col. Cleaveland commanded, and were there stopped by his brave men. A flag of truce was immediately hoisted by Captain Depeyster, the commanding officer (Major Ferguson having been killed a little before), for a surrender. Our fire immediately ceased, and the enemy laid down their arms (the greater part of them charged) and surrendered themselves prisoners at discretion." It appears from their own provision returns for that day, found in their camp, that their whole force consisted of 1,125 men. ** Total loss of the British, 1,105 men, killed, wounded, or made prisoners."

"No battle during the war," says Mr. Lossing, in his Field Book where we find the preceding report of the struggle at King's Mountain, "was more obstinately contested than this: for the Americans were greatly exasperated by the cruelties of the Tories, and to the latter it was a question of life and death. It was with difficulty that the Americans, remembering Tarleton's cruelty at Buford's defeat, could be restrained from slaughter, even after quarter was asked. In addition to the loss of men on the part of the enemy mentioned in the report, the Americans took from them 1,500 stand of arms. The loss of the Americans in killed was only twenty, but they had a great number wounded." Battle fought Oct. 7, 1780.

Crowder's Knob, the highest peak of King's Mountain, is about 3,000 feet above the level of the sea.

The Mountain Gap, near the Cherokee Ford, the Great Falls of the Cataw-

ba, and Rocky Mount, the scene of another of the partisan struggles, and Hanging Rock, where Sumter fought a desperate fight, are other interesting scenes and localities of this hill-region of Carolina.

FLORIDA.

FLORIDA is much visited when cold winter winds and snows prevail, by those who love mild and balmy atmospheres, and especially by invalids in quest of health-restoring climates. The villages of St. Augustine, Jacksonville, Pilatka and neighboring places, which are those most particularly sought, are near the Atlantic coast, in the extreme north-eastern part of the State. They may be speedily and pleasantly reached by steamers from Charleston and Savannah, as we shall show, after a very hasty peep at the specialities in the history and character of the region.

The shrine of the life and health-giving Goddess, Hygeia, was sought under the southern skies of Florida centuries ago, as it is to-day. Ponce de Leon came here in 1512, hoping to find the fabled fountain of perpetual youth and strength. He was not so fortunate, though thousands of others have since been, in a grateful degree.

After the brave De Leon, came Narvaez, more unlucky still, for when he had resolutely penetrated to the interior with his four hundred gallant followers, no man ever heard of him or of them again.

De Soto followed in 1539, with a not much happier reward, for though he subdued the savages and took possession of their land, it was only to leave it again and to pass on. Battle and strife have, with intervals of quiet, so characterized Florida, almost to the present day, that its name would seem but irony, did it really refer, as is generally supposed, to the floral vegetation of the soil, instead of to the simple happening of the discovery of the country on *Pascua Florida*, or Palm Sunday.

The earliest settlements in Florida were made by the French, but they were driven out by the Spaniards, who established themselves securely at St. Augustine in 1565, many years before any other settlement was made on the western shores of the Atlantic. Before the Revolution, Florida warred with the English Colonies of Carolina and Georgia, and passed into British possession in 1763. It was reconquered by Spain in 1781, and from that period until within very late years, it has been the field of Indian occupation and warfare. The reconquest by Spain in 1781, was confirmed in 1783, and in 1821 that power ceded the country to the United States. Its territorial organization was made in 1822, and its admission into the Union as a State occurred March 3, 1845. A sanguinary war was waged from 1834 to 1842, between the troops of the United States and the Indian occupants, the Seminoles, led by their famous chief Osceola.— Since that period the savages have been removed to other territory, excepting some remnants still in possession of the impenetrable swamps and jungles of the lower portions of the State.

Florida is the grand peninsula forming the extreme South-eastern part of the United States. Its entire area eastward lies upon the Atlantic, and the Gulf of Mexico washes almost the whole of the western side. Georgia and Alabama are upon the north. The country is for the most part level, being nowhere more than 250 or 300 feet above the sea. "The southern part of the peninsula," says Mr. De Bow, in his "Resources of the South and West," "is covered with a large sheet of water called the Everglades—an immense area, filled with islands, which it is supposed may be reclaimed by drainage. The central portion of the State is somewhat elevated, the highest point being about 171 feet above the

Landscape of the State—The St. John's River.

ocean, and gradually declining towards the coast on either side. The country between the Suwanee and the Chattahoochee is elevated and hilly, and the western region is level. The lands of Florida, Mr. De Bow continues, "are almost *sui generis*, very curiously distributed, and may be designated as high hummock, low hummock, swamp, savannas, and the different qualities of fine land. High hummock is usually timbered with live and other oaks, with magnolia, laurel, etc., and is considered the best description of land for general purposes. Low hummock, timbered with live and water oak, is subject to overflows, but when drained is preferred for sugar. Savannas, on the margins of streams and in detached bodies, are usually very rich and alluvial, yielding largely in dry seasons, but needing, at other times, ditching and dyking. Marsh savannas, on the borders of tide streams, are very valuable when reclaimed for rice or sugar-cane.

The swampy island-filled lake called the Everglades, is covered with a dense jungle of vines and evergreens, pines and palmettos. It lies south of Okechobee, and is 160 miles long and 60 broad. Its depth varies from one to six feet. A rank tall grass springs from the vegetable deposits at the bottom, and rising above the surface of the water, gives the lake the deceitful air of a beautiful verdant lawn. The soil is well adapted, it is thought, to the production of the plantain and the banana.

In the interior of Florida there is a chain of lakes, of which the extreme southern link is Lake Okechobee, nearly 20 miles in length. Many of these waters are extremely picturesque in their own unique beauty of wild and rank tropical vegetation.

The rivers of the State are numerous, and, like the lakes, present every where to the eye of the stranger very novel attractions in the abundance and variety of the trees and shrubs and vines which line all their shores and bayous. The largest of the many rivers is the Apalachicola, which crosses the western arm of the State to the Gulf of Mexico. The St. Mary's is the boundary on the extreme northern corner, Georgia being upon the opposite bank. Its waters fall into the Atlantic, as do those of the St. Johns river, in the same section of the State.

The St. Johns River is the point to which we purpose to direct the more particular attention of the tourist at this time, not for its own beauties' sake—for it is but a straggling, sluggish stream, possessing no very salient picturesque attractions—but as the access to the famous winter and invalid resorts of Florida, the villages of St. Augustine, Jacksonville, Pilatka and other places.

Route to St. Augustine, etc. Two fine steamers leave Charleston, S. C., and three leave Savannah, Geo., every week for Pilatka on the St. Johns River. Fare from either place to Piccolata (18 miles from St. Augustine) \$8. From Piccolata to Augustine (3½ hours stage) one to two dollars. Charleston steamers sometimes visit Augustine direct.

The steamer Darlington leaves Jack-

sonville every Saturday morning for Enterprise, the present limit of steamboat navigation on the St. Johns, stopping at Pilatka over Sunday, resuming her voyage Monday morning and arriving at Enterprise that (Monday) night. Returning, leaves Enterprise Wednesdays. Fare, \$6.

The St. Johns River comes from a marshy tract in the central part of the peninsula, flowing first north-west to the mouth of the Ochlawaha, and thence about northward to Jacksonville, and finally eastward to the Atlantic. It is navigated by steamboats only to Pilatka, though vessels drawing eight feet of water may pass up 107 miles, to Lake George. The entire length of the river is 200 miles. The country which it traverses is covered chiefly with dank cypress swamps and desolate pine barrens.

Jacksonville, 25 miles from the mouth of the St. Johns, is the most important point on the river. It is a flourishing, busy town of from 1,000 to 1,500 inhabitants, has numerous saw-mills and considerable commerce. Many invalids remain here, and seek no further. The only good hotel is the Judson House.

The next in order frequented by strangers, is *Fleming's Island* (47 miles up), situated at the confluence of Black Creek with the St. Johns. It is a quiet, home-like and pleasant place, not infested by low company.

Of **Middleburgh**, 16 miles up Black Creek, report speaks favorably. It has been but recently resorted to by invalids. It consists of a few houses only.

Magnolia Mills (56 miles up the river), a large, solitary hotel, on the west bank of the St. Johns, is kept by Dr. Benedict, a northern physician, of established reputation. Good rooms and good entertainment may be expected there.

Next comes **Piccolata** (66 miles up), a village of but one house, where passengers for St. Augustine, 18 miles east, can generally get a tolerable night's lodging, when desired.

Pilatka, on the west bank, 25 miles, or two hours further south, is a new and thriving town, deriving considerable trade from the fertile back country. Here are two or three more or less tolerable places of entertainment. Passengers for Orange Springs and Ocala take stage here.

Welaka, on the east bank, is a new settlement. Every attention is shown to strangers by its gentlemanly proprietor—110 miles up the St. Johns.

Enterprise, also on the east bank, on Lake Monroe, and the *ultima thule* of steamboat adventure, boasts a new, large, commodious and well kept hotel. The hunting and fishing are good in the vicinity—180 miles up the river.

Thirty miles east from Enterprise, on the sea coast, and four miles from Mosquito Inlet, is *New Smyrna*, consisting of two houses. Reached by mail wagon, once a week. Mr. Sheldon entertains company, and ensures them

capital sport. Mail boat leaves here for Indian River every second week.

St. Augustine is built along the seaward side of a narrow ridge of land, situated between salt marsh and estuary half a mile from the beach, two miles from the ocean, in sight of the bar and light-house, and within hearing of the surf. The soil is sandy loam and decomposed shell, and is very productive. Approaching by a bridge and causeway crossing the St. Sebastian River and marsh, we enter a well-shaded avenue, flanked by gardens and orange groves, which leads directly to the centre of the quaint old city. Here is the public square, a neat enclosure of some two acres, facing which on either side stand the Court House, the Market and wharf, the Protestant Episcopal Church—a plain building, in the pointed style, handsomely furnished—and immediately opposite, the venerable Roman Catholic Church, a striking edifice of seemingly great antiquity, but built only about eighty years ago. It is of the periwig pattern, and in the worst possible taste. One of its bells bears date 1682. Connected with this church is a small convent and school.

A minute's walk brings us to the sea wall or breakwater, a broad line of massive masonry, built about 1840 by order of Government, at great cost, for the protection of the city, but whose chief use is that of affording to the inhabitants the pleasantest promenade in fine weather. This wall extends half a mile southward to the now deserted barracks and magazine, and as far northward to Fort Marion, formerly St. Mark, a picturesque and decayed fortress, which once commanded the whole harbor, looming up out of the flat landscape, grand as a Moorish castle, and forming the most conspicuous and interesting relic of the Spanish occupation.

Parallel to this sea wall, run north and south, with short intersections, the three principal streets or lanes, long, narrow, without pavement or sidewalk, irregularly built up with "dumpy" but substantial houses, rather dingy and antediluvian, mostly of stone, or with

St. Augustine.

the lower stories stone and the upper of wood. They have invariably the chimneys outside, and are ornamented with projecting balconies and latticed verandas, from which the gay paint has long since faded, being all toned and weather-stained into one sombre gray hue, which, in keeping with the surroundings, is the joint result of age, neglect, sun, and saline air. Every house is separated from its neighbor by more or less of garden plot, ill protected by broken fence and crumbling wall, wherein they raise two or more crops of vegetables every year, figs in perfection, and roses in unmeasured abundance.

Augustine is sometimes styled the "Ancient City," and is, indeed, the oldest in the United States. Its appearance is in strict keeping with its venerable age, seen in unequivocal marks of decay and decrepitation. Perhaps the friable nature of the common building material contributes to this ruinous appearance, all the older houses being constructed of a stratified concrete of minute shell and sand called "coquina," in blocks conveniently obtained, easily worked, hardening by exposure, but abrading and crumbling in course of time. And yet this material seems everlasting; for the old stuff of dilapidated buildings, and houses disused by diminution of population, forms, by refacing, the excellent material for new. Coquina houses, however, are invariably dark, and always damp in winter, on which account frame dwellings, although not so cool summer houses, are much preferred by the innovating Yankees. But the Minorcan, or sub-Spanish population, still adhere to their traditions, and refuse to be reformed. They build for the summer time—the longest season—and wisely build, when they do build, the same solid, squat, low-doored, narrow-windowed, disagreeably-dark, and rheumatically-damp dwellings as ever. Visitors, however, in choosing winter quarters, will do well to prefer those hotels which are of frame, and have a cheerful sunny exposure.

Northerners seeking in Florida a milder climate and permanent winter residence, have generally preferred St. Augustine. And with the best reason. The proximity of the Gulf Stream renders it warmer in winter and cooler in summer, than the settlements on the St. Johns River. It is at present the most southern habitable place on the eastern coast; and it has peculiar advantages over all other towns in East Florida—in its churches, its company, and its comforts. Good society may always be had there; the citizens are hospitable, and among the visitors are always some agreeable persons, cultivated and distinguished.

Visitors begin to arrive about the holidays, and the first "stranger" is looked for with as much anxiety as the first Connecticut shad. From the middle of March until the middle of April is the height of the season, and then the hotels are crowded. Then, too, the city is gay. Every body is sociable, idle, happy, *sans souci*. Pleasure parties you meet at every turn, groups on every corner, bathing in the sweet air that flows through shady streets from yon blue rushing sea. Deliciously fresh and mild is the atmosphere during the first spring heats. Then the soft south wind fills the senses with a voluptuous languor, and the evening land breeze comes laden with the fragrance of orange blossoms and the breath of roses. A moonlight walk upon the sea wall suggests the Mediterranean, and the illusion is heightened by the accents of a foreign tongue.

The effect of these happy climatic and social conditions is very noticeable. The most morose tempers seem to lose their acerbity, and even the despairing invalid catches the contagion of cheerfulness.

Two-thirds of the population of Augustine (amounting to 1,300 whites) are of Spanish origin, and still speak the Spanish language. The women are pretty, modest, dark-eyed brunettes; dress neatly in gay colors, are skilful at needlework, and good housewives. The men exhibit equally char-

St. Augustine—St. Mary—Tallahassee.

acteristic traits of race and nationality. The people are generally poor. There are no manufactures. The town produces little, and exports nothing—its chief support, since the loss of its orange groves, being derived from Government offices, receipts from strangers, and the hire of slaves. It has one saw-mill, rarely running. It has a bathing-house, for the prevention of sickness, and three good physicians and a dentist to cure it. Perhaps no city in the Union is healthier than Augustine.

St. Augustine is well furnished with **Hotels** and boarding-houses, and there is unusually ample and comfortable accommodation for all comers. The principal hotels are, first, *The Magnolia*, B. E. Carr proprietor—a well-built, well-kept, and well-furnished resort, surrounded by a garden and shrubbery. This is much the most comfortable and pleasant house in town, and probably in the State. Its situation and appointments are better, beyond comparison, than those of its rival, *The Planters*, Mrs. Cook, lessee, a popular hotel, which, by good management, got a run, and contrived to keep it. The latter, however, is a gloomy, irregular, barn-and-stable-like building, with few good rooms and fewer fireplaces, and quite too well ventilated for comfortable winter-quarters.

First-class boarding houses are kept by Mrs. Reid and Mrs. Fazio. There are also others of less note.

The hotel prices are \$1 50 and \$2 a day; \$9 and \$10 per week; fire extra. The boarding-house charges are less, being from \$6 upward.

Visitors, unless more than ordinarily difficult and exacting, will find the tables satisfactorily furnished; admirably so, considering the isolation of the place, and its remoteness from markets and commercial cities. The winter fare consists of groceries and butter from the north; delicious fish and oysters, beef, game, poultry, venison, duck, wild turkey, and occasionally green turtle; green peas and salads are rarely lacking, even in mid-winter;

game birds are abundant, such as quail, snipe, etc.

St. Mary may be included in this region, though it lies in the State of Georgia, yet still near the north-east line of Florida. It is upon the St. Mary's River, nine miles from the sea. The village is a pleasant one, and the healthfulness of its climate makes it deservedly a place of invalid resort.

Tallahassee, the capital of Florida, is a pleasant city, of some 1,400 inhabitants, in the centre of the northern and most populous part of the State, near the head of the Gulf of Mexico. It is connected by railroad, 26 miles, with St. Mark's, near the Gulf. It is regularly built upon a somewhat elevated site. Some of its public edifices are highly respectable, but do not call for any especial remark.

Chief among the attractions of Tallahassee are the many beautiful springs found in the vicinity. Ten miles from the city is a famous fountain, called *Wachulla*. It is an immense limestone basin, as yet unfathomed in the centre, with waters as transparent as crystal.

“Wachulla, beauteous Spring! thy crystal
waters
Reflect the loveliness of Southern skies;
And oft methinks the dark-haired Indian
daughters
Bend o'er thy silver depths with wondering
eyes;
From forest glade the swarthy chief emerg-
ing,
Delighted paused, thy matchless charms to
view;
Then to thy flower-gemmed border slowly
verging,
I see him o'er thy placid bosom urging
His light canoe!

With the bright crimson of the Maple twin-
ing,
The fragrant Bay its peerless chaplet
weaves;
And where Magnolias in their pride are shin-
ing,
The broad Palmetto spreads its fan-like
leaves:
Far down the forest aisles where sunbeams
quiver,
The fairest flowers their rainbow hues com-
bine;
And pendant o'er the swiftly flowing river,
The shadows of the graceful Willow shiver,
In glad sunshine!

St. Mark's—Appalachicola—Pensacola—Tampa—Key West.

Bright-plumaged birds their gorgeous hues
 enwreathing,
 Their amorous tunes to listening flowers
 repeat;
 Which, in reply, their sweetest incense
 breathing,
 Pour on the silent air their perfume sweet:
 From tree to tree the golden jasmine creep-
 ing,
 Hangs its light bells on every slender
 spray;
 And in each fragrant chalice slyly peeping,
 The Humming-Bird its odorous store is
 reaping,
 The livelong day!"

These are passages from a graphic sketch of the features of "Wachulla," by Mrs. C. W. Du Bose, a Southern poetess.

St. Mark's is on St. Mark's River, near the Gulf of Mexico, and 26 miles from Tallahassee by railroad.

From Pensacola to Tallahassee, Flo.—To La Grange (on Choctawhatchie Bay), by steamboat, 65 miles; by stage to Holmes Valley, 25; Oakey Hill, 42; Marianna, 66; Chattahoochee, 90; Quincy, 108; Salubrity, 117; Tallahassee, 130.

From Jacksonville to Tallahassee, Flo.—To the White Sulphur Spring, 82 miles. This curious spring rises in a basin ten feet deep and thirty in diameter; it discharges a quantity of water, and after running a course of about 100 feet, enters the Suwanee River. The waters have been found very beneficial in cases of consumption, rheumatism, and a variety of other complaints. Visitors will find ample accommodation here. From the mineral spring to Madison, 35 miles; Lipona, 73; Tallahassee, 98—or 180 miles from Jacksonville.

Appalachicola is at the entrance of the river of the same name into the Gulf of Mexico, through the Appalachicola Bay. It is easily accessible by the river and the Gulf, and is a place of large cotton shipments. It is 135 miles south-west of Tallahassee.

Pensacola is upon the Pensacola Bay, in the extreme south-west corner

of the State, 10 miles from the Gulf of Mexico and 64 east of Mobile. The harbor here is one of the safest on the Florida coast, which is not remarkable for safe harbors. It is well sheltered by St. Rosa Island, and is defended by Forts Pickens, McCrea, and Barrancas. The population of Pensacola is about 2,000.

Route from Pensacola to Mobile, Ala.—To Blakely, 50; Mobile, 64 miles.

Tampa, is on Tampa, formerly Espiritu Santo Bay, which opens on the Gulf of Mexico, near the centre of the western coast of Florida.

Key West City is upon the island of Key West, off the southern extremity of the peninsula, occupying the important post of key to the Gulf passage. It was first settled in 1822, and is now the most populous city of Florida, having a population of about 3,000. It is a military station of the United States. Some 30,000 bushels of salt are annually made at Key West by solar evaporation. Great quantities of sponges, too, are found and exported; but the chief business of the island accrues from the salvages upon the wrecks cast upon the coast. Forty or fifty vessels are every year lost in the vicinity, by which the island profits to the amount of \$200,000. The Marine Hospital here, 100 feet long, is a noteworthy building. Fort Taylor, a strong and costly post, defends the harbor. The Charleston and Havana steamers touch at Key West once a week. There is no other reliable mode of access.

Two railroads across the peninsula of Florida, connecting the Gulf side with the Atlantic are in course of construction under charters from the State, granting liberal donations of land. The Eastern terminus of the Florida, Atlantic, and Gulf Railroad will be at Jacksonville; the other route will extend from Fernandina to Cedar Keys. A similar grant for a railway from St. Augustine to the St. Johns River, has recently been obtained.

GEORGIA.

THIS great State possesses unrivalled sources of prosperity and wealth, and though they are as yet only in the dawn of development, the traveller will not hesitate to predict for her a glorious future, when he notes the spirit of activity, enterprise, and progress, which so markedly distinguishes her from other portions of the South. While Nature is here every where most prodigal in means, man is earnest in improving them. With the will and energy of northern enterprise, utilizing the advantages of a southern soil, who can cipher out the grand result?

Georgia was settled the latest of the "Original" Thirteen States of the Union. She derived her name with her charter from George II., June 9th, 1732. Her first colony was planted by General Oglethorpe, on the spot where the city of Savannah now stands, in 1773; sixty-three years after the settlement of South Carolina, and a century behind most of the original colonies. Three years after the arrival of Oglethorpe, Ebenezer was planted by the Germans, 25 miles up the Savannah River. Darien, on the sea, was commenced about the same time by a party of Scotch Highlanders. Among the early troubles of the colony, was a war with the Spaniards in Florida, each party in turn invading the territory of the other.

The people of Georgia took a vigorous part in the Revolution; and the State was in possession of the British a portion of that time. The city of Savannah was taken by them, December 29th, 1778. A bold attempt was made by the combined American and French forces to recapture it, but failed, with the loss to the allies of 1,100 men. The Great Cherokee Country, in the upper part of the State, came into the full possession of the whites in 1838, when the Indians were removed to new homes beyond the Mississippi.

The sea-coast of Georgia, extending about 80 miles, is very similar in character to that of the Carolinas, being lined with fertile islands cut off from the main land by narrow lagoons or sounds. The famous sea-island cotton is grown here; and wild fowl are abundant in all varieties. Upon the main, rice plantations flourish, with all the semi-tropical vegetation and fruit which we have seen in the ocean districts of South Carolina.

Passing northward to the central regions of the State, the cotton fields greet our eyes at every step, until the surface of the country becomes more and more broken and hilly, and, at last, verges upon the great hill-region traversed by the Appalachian or Alleghany Mountains. These great ranges occupy all the northern counties, and present to the charmed eye of the tourist, scenes of beauty and sublimity not surpassed in any section of the Union.

Rivers.—There are many fine rivers in Georgia; but, as with the water-courses of the South generally, they are often muddy, and their only beauty is in the rank vegetation of their shores, with here and there a bold sandy bluff.

The **Savannah** divides the States of Georgia and South Carolina, through half their length. Its course, exclusive of its branches, is about 450 miles. The cities of Augusta and Savannah are upon its banks, and it enters the Atlantic 18 miles below the latter place. From June to November it is navigable for large vessels as far as Savannah, and for steamboats up to Augusta, 230 miles. The river voyage between these points is a very pleasant one, presenting to the eye of the stranger many picturesque novelties, in the cotton fields which lie along the banks, through the upper part of the passage; and in the rich rice plantations below. Approaching Savannah, the tourist will be par-

The Savannah—The Cotton Gin—Alligators.



Savannah River.

ticularly delighted with the mystic glens of the wild swamp reaches, and with the luxuriant groves of live-oak which shadow the ancient-looking manors of the planters. A few miles above the city of Savannah, he may visit the spot where Whitney invented and first used his wonderful cotton-gin. Whitney was a Yankee schoolmaster of an inquiring turn of mind, and it was during his intervals of rest from pedagogical rule, that he grew impatient of the slow process of picking the cotton-seed from the fibres with the fingers, and set himself to work so effectually to remedy the difficulty. A noble monument should mark the place, and commemorate the achievement; but alas! we live in an irreverent or a forgetful age and country.

The alligator is often seen sunning himself on the shores of the lower waters of the Savannah, being abundant in the contiguous swamps. They are dangerous reptiles to deal with, especially when in ill humor. We once saw a large specimen of this genus, who had swallowed, as his "post-mor-

tem" discovered, a bottle of brandy and a certificate of membership in a Methodist church. The coroner's inquiry asked after the owners of the articles, but inference, only, answered the question.

"When our canoe," says Sir Charles Lyell, in his record of travels in this region, "had proceeded into brackish water, where the river banks consisted of marsh land, covered with a tall, reed-like grass, we came close to an alligator, about nine feet long, basking in the sun. Had the day been warmer, he would not have allowed us to approach so near to him; for these reptiles are much shyer than formerly, since they have learned to dread the avenging rifle of the planter, whose stray hogs and sporting dogs they often devour. About ten years ago, Mr. Cooper tells us he saw two hundred of them together in St. Mary's River, extremely fearless. The oldest and largest individuals on the Altamaha have been killed, and they are now rarely twelve feet long, and never exceed sixteen and a half feet. As

The Oconee, Ockmulgee, Flint and Chattahoochee Rivers.

almost all of them have been in their winter retreats ever since the frost of last month, I was glad that we had surprised one in his native haunts, and seen him plunge into the water by the side of our boat. When I first read Bartram's account of alligators more than twenty feet long, and how they attacked his boat and bellowed like bulls, and made a sound like distant thunder, I suspected him of exaggeration; but all my inquiries here and in Louisiana convinced me that he may be depended upon. His account of the nests which they build in the marshes is perfectly correct. They resemble haycocks, about four feet high, and five feet in diameter at their bases, being constructed with mud, grass, and herbage. First they deposit one layer of eggs on a floor of mortar, and having covered this with a second stratum of mud and herbage eight inches thick, lay another set of eggs upon that, and so on to the top, there being commonly from one hundred to two hundred eggs in a nest. With their tails they then beat down round the nest the dense grass and reeds, five feet high, to prevent the approach of unseen enemies. The female watches her eggs until they are all hatched by the heat of the sun, and then takes her brood under her care, defending them, and providing for their subsistence. Dr. Luzenberger, of New Orleans, told me that he once packed up one of these nests, with the eggs, in a box for the Museum of St. Petersburg, but was recommended, before he closed it, to see that there was no danger of any of the eggs being hatched on the voyage. On opening one, a young alligator walked out, and was soon after followed by all the rest, about one hundred, which he fed in his house, where they went up and down the stairs, whining and barking like young puppies. They ate voraciously, yet their growth was so slow, as to confirm him in the common opinion, that individuals which have attained the largest size are of very great age; though whether they live for three centuries, as some pretend, must be decided by future observations.

The **Oconee** rises in the gold lands of the mountain districts of Georgia, and traverses the State until it meets the Ogeechee, and with that river reaches the sea under the name of the Altamaha. Milledgeville, the capital of Georgia, is upon the Oconee, 300 miles from the ocean; and Athens, one of the most beautiful places in the State, and the seat of the University of Georgia, is also passed by its waters. Small steamboats may ascend the Oconee as far as Milledgeville; but now, with the more speedy travel by railway, there is little need of them.

The **Ockmulgee** is navigable for small steamboats to Macon.

The **Flint River**, in the western part of the State, passes by Lanier, Oglethorpe, and Albany, and uniting with the Chattahoochee, at the southwest extremity of the State, forms the Appalachian. The length of the Flint River is about 300 miles. Its navigable waters extend 250 miles, from the Gulf of Mexico to Albany.

The **Chattahoochee** is one of the largest and most interesting rivers of Georgia. It pursues a devious way through the gold region westward from the mountains in the north-eastern part of the State, and makes the lower half of the dividing line between Georgia and Alabama. At the point where it enters Florida, it is joined by the Flint River, and the united waters are thenceforward called the Appalachian. The Chattahoochee is navigable for large steamboats as far up as Columbus, 350 miles from the Gulf of Mexico. The principal towns on this river besides Columbus, are Eufaula, West Point, and Fort Gaines.

Just above Columbus there are some picturesque rapids in the Chattahoochee, overlooked by a fine rocky bluff, famous in story as the "Lover's Leap." The scene would be a gem in regions the most renowned for natural beauty. On the left, the river pursues its downward course to the city, in a straight line. Its flow is rapid and wild, broken by rocks, over which the water frets and foams in angry surges. The bed

The Legend of the Lover's Leap.

of the stream is that of a deep ravine, its walls lofty and irregular cliffs, covered to their verge with majestic forest growth. From this point the city of Columbus is but partially visible. The village of Girard and the surrounding hills on the Alabama side, form a distinct and beautiful back ground to the picture. The fine bridge which spans the river at Columbus, and the steamboats which bear the exchanges of wealth over the waters, are dimly seen through the mist which clothes the Falls of Coweta. This is the

Legend of the Lovers' Leap. In the early part of the present century, this region was inhabited by two powerful tribes of Indians. Rivals were they, and with numbers equal and alike proud names, well they vied with each other. There was no tribe in all the powerful nation of the Creeks, who boasted of their prowess before a Cusseta or a Coweta. Yet they were not friends, for who of those proud red men would bend before the acknowledged superiority of the other? It may have been a small matter from which their jealousy sprung, but the tiny thing had been cherished till a serpent-like hatred hissed at the sound of the other's name.

The proud chief of the Cussetas was now become an old man, and much was he venerated by all who rallied at his battle cry. The boldest heart in all his tribe quailed before his angry eye, and the proudest did him reverence. The old man had outlived his own sons. One by one had the Great Spirit called them from their hunting-grounds, and in the flush of their manhood they had gone to the spirit-land. Yet he was not alone. The youngest of his children, the dark-eyed Mohina, was still sheltered in his bosom, and all his love for the beautiful in life, was bestowed upon her. Ah, and rightly too, for the young maiden rivalled in grace the bounding fawn, and the young warriors said of her, that the smile of the Great Spirit was not so beautiful. While yet a child, she was betrothed to the Young Eagle of the Cowetas, the proud scion

of their warrior chief. But stern hatred had stifled kindly feelings in the hearts of all save these two young creatures, and the pledged word was broken when the smoke of the calumet was extinguished. Mohina no longer dared to meet the young chief openly, and death faced them when they sat in a lone, wild trysting place, 'neath the starry blazonry of midnight's dark robe. Still they were undaunted, for pure love dwelt in their hearts, and base fear crouched low before it, and went afar from them to hide in grosser souls. Think not the boy-god changes his arrows when he seeks the heart of the red man. Nay, rather with truer aim and finer point does the winged thing speed from his bow, and deeply the subtle poison sinks in the young heart, while the dark cheek glows with love's proper hue. The deer bounded gladly by when the lovers met, and felt he was free, while the bright-eyed maiden leaned upon the bosom of the Young Eagle. Their young hearts hoped in the Future, though all in vain, for Time served but to render more fierce that hostile rivalry, more rank that deadly hatred, which existed between the tribes. Skirmishes were frequent amid their hunters, and open hostilities seemed inevitable.

And now it was told by some who had peered through the tangled underwood and matted foliage of those dim woods, that the Coweta had pressed the maiden to his heart in those lone places, and that strange words and passionate, were even now breathed by him in her ear. Then the hunters of the Cussetas sprang from their couches, and made earnest haste to the dark glen. With savage yell and impetuous rush they bounded before the lovers. They fled, and love and terror added wings to their flight. For a while they distanced their pursuers. But the strength of Mohina failed her in a perilous moment, and had not the Young Eagle snatched her to his fast beating heart, the raging enemy had made sure their fate. He rushed onward up the narrow defile before him. It led he forgot whither.

Railway Routes.

In a few moments he stood on the verge of this fearful height. Wildly the maiden clung to him, and even then, in that strange moment of life, his heart throbbed proudly beneath his burden. The bold future alone was before him; there was no return. Already the breath of one of the pursuers, a hated rival, came quick upon his cheek, and the bright gleaming tomahawk shone before him. One moment he gazed on him, and triumph flashed in the eye of the young chief, and then without a shudder he sprang into the seething waters below. Still the young maiden clung to him, nor yet did the death-struggle part them. The mad waves dashed fearfully over them, and their loud wail was a fitting requiem to their departing spirits. The horror-stricken warriors gazed wildly into the foaming torrent, then dashed with reckless haste down the declivity to bear the sad tidings to the old chief. He heard their tale in silence. But sorrow was on his spirit, and it was broken. Henceforth his seat was unfilled by the council fire, and its red light gleamed fitfully upon his grave.

Railway Routes. The *Georgia Railway* extends, in a westerly direction, 171 miles from Augusta to Atlanta, passing through Belair, Berzelia, Dearing, Thomson, Camak, Cumming, Crawfordville, Union Point, Greensboro,' Oconee, Buckhead, Madison, Rutledge, Social Circle, Covington, Conyer's, Lithonia, Stone Mountain, and Decatur. A branch line, 10 miles long, extends from Camak to Warrenton, the capital of Warren County; another of 18 miles from Cumming to Washington, the capital of Wilkes County; another from Union Point to Athens, the capital of Clarke County. The road (the Georgia) connects at Augusta with the South Carolina road for Charleston. The Augusta and Waynesboro' extends 53 miles to Millen, a station on the Central road; from Savannah to Macon. Stations: Waynesboro,' Thomas, and Lumpkin.

The Western and Atlantic Road extends from the Georgia Railway at At-

lanta, 138 miles, northward to Chattanooga, Tennessee. *Stations*—Atlanta to Vining's, 8 miles; Marietta, 20; Acworth, 35; Allatoona, 40; Cartersville, 47; Cass, 52; Kingston, 59; Adairsville, 69; Calhoun, 78; Resaca, 84; Tilton, 91; Dalton, 100; Tunnel Hill, 107; Ringgold, 115; Johnson, 120; Chickamanga, 128; Boyce, 133; Chattanooga, 138 miles. This road is continued (from Dalton) by the East Tennessee and Georgia, to Knoxville, Tennessee.

The *Rome Railway* deflects from the Western and Atlantic at Kingston, and extends 20 miles to Rome.

The Atlanta and Lagrange Road extends from the Georgia road at Atlanta, 87 miles, to West Point, from whence it is continued by other routes to Montgomery, Alabama. *Stations*—Atlanta to East Point, 6 miles; Fairburn, 18; Palmetto, 25; Powell's, Newnan, 40; Grantville, 52; Hogansville, 59; Lagrange, 72; Long Cane, 78; West Point, 87 miles.

The Central Railway extends 191 miles from Savannah to Macon. *Stations*—Savannah to Eden, 20 miles; Guyton, 30; Egypt, 40; Armenia, 46; Halcyondale, 50; Ogeechee, 62; Scarborough,' 71; Millen, 79 (branch road 53 miles to Augusta); Cushingville, 83; Birdsville, 90; Midville, 94; Holcomb, 108; Speir's Turnout, 112; Davisboro,' 123; Tennille, 136; Oconee, 146; Emmett, 153; Kingston, 160; Gordon 171 (branch to Milledgeville and Eatonton); Griswoldville, 182; Macon, 191 miles.

Milledgeville and Eatonton Branch of Central Road. *Stations*—Gordon to Woolsey, 9 miles; Milledgeville, 18; Dennis, 29; Eatonton, 38 miles.

Macon and Western extends 101 miles from Macon to Atlanta, terminus of Georgia railway. *Stations*—Macon, Junction, Howard's, 6 miles; Crawford's, 13; Smarr's, 19; Forsyth, 24; Collier's, 30; Goggin's, Barnesville, 40; Milner's, 47; Thornton's, Griffen, 58; Fayette, 65; Lovejoy's, Jonesboro,' 79; Rough and Ready, 90; East Pond, 95; Atlanta, 101 miles.

Railways—The City of Savannah.

The Muscogee Railway extends from Macon, terminus of Central road, 99 miles, to Columbus, with Branch to Americus. *Stations*—Macon to Echeconnee, 17 miles; Mule Creek, 21; Fort Valley, 28 (Americus Branch); Everett's, 35; Reynolds', 41; Butler, 50; Columbus, 99 miles.

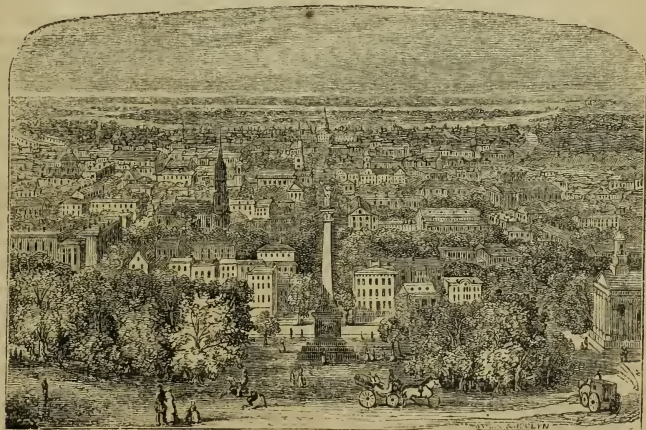
The South-Western (or Americus Branch of Muscogee) station as above, from Macon to Fort Valley, 28 miles; thence to Marshallville, 8; Winchester, 11; Oglethorpe, 21; Anderson, 32; Americus, 43 miles.

Railways in progress.—From Savannah south-west to Deckertown. Railways chartered or proposed.—The Albany and Savannah, from Savannah westward via Deckertown to Albany, and roads thence over to Eufaula, and another to Fort Gaines on the Chattahoochee river. The Florida and Savannah south-west via Deckertown to the extreme south-west corner of the State, connecting with the road to Tallahassee and continuing towards Pensacola and Mobile. The Brunswick and Florida, from Darien and Brunswick to Pensacola, Florida.

Savannah, the largest city of Georgia, with a population of about 14,000

whites and 10,000 blacks, is upon the south bank of the Savannah river, 18 miles from the sea. Its site is a sandy terrace, some forty feet above low water mark. It is regularly built, with streets so wide and so unpaved—so densely shaded with trees, and so full of little parks, that but for the extent and elegance of its public edifices, it might seem to be an overgrown village, or a score of villages rolled into one. There are no less than twenty-four little green squares scattered through the city, and most of the streets are lined with the fragrant flowering China tree, or the Pride of India, while some of them, as Broad and Bay streets, have each four grand rows of trees, there being a double carriage-way, with broad walks on the outsides, and a promenade between.

Among the public buildings of note in Savannah are the new Custom House, the City Exchange, Court House and Theatre, the State Arsenal, the Armory, the Oglethorpe and the St. Andrew's Halls, the Lyceum, the Market House, and the Chatham Academy. The St. John's (Episcopal) Church, and the Independent Presbyterian Church, are striking edifices. The city has, besides,



Savannah, Georgia.

The City of Savannah.

a dozen other Protestant and some Catholic churches, and a Jewish Synagogue. The State Historical Society has a fine Library. The public Library has over 6,000 volumes. There are also other literary associations and reading-rooms. The principal charitable institutions of the city are the Orphan Asylum, the Hibernian and Seaman's Friend Societies, the Georgia Infirmary, the Savannah Hospital, the Union and the Widow's Societies, and the Savannah Free School.

In Johnson or Monument Square, opposite the Pulaski House, there is a fine Doric Obelisk erected to the memories of Greene and Pulaski, the corner stone of which was laid by Lafayette during his visit in 1825. It is a marble shaft, 53 feet in height. The base of the pedestal is 10 ft. 4 in. by 6 ft. 8 in., and its elevation is about 12 feet. The needle which surmounts the pedestal is 37 feet high. Another and very elegant structure is now being built in Chippewa Square, to the memory of Pulaski. This general fell gallantly during an attack upon the city, while it was occupied by the British in 1779.

The vicinage of Savannah, though flat, is exceedingly picturesque along the many pleasant drives, and by the banks of the river and its tributary brooks, leading every where through noble avenues of the live oaks, the bay, the magnolias, the orange, and a hundred other beautiful evergreen trees, shrubs and vines.

The *Cemetery of Buonaventura*, close by, is a wonderful place. It was originally a private estate, laid out in broad avenues, radiating from a central point in all directions. These avenues are now grand forest aisles, lined with live oaks of immense size; their dense leafage mingling overhead, and the huge lateral branches trailing upon the ground with their own and the super-added weight of the heavy festoons of the pendant Spanish moss. A more beautiful or more solemn home for the dead than in the shades of these green forest aisles, cannot be well imagined. The endless cypress groves of the

"silent cities" by the Bosphorus, are not more impressive than the intricate web of these still forest walks.

Buonaventura has thus been sketched by star-light :

"Along a corridor I tread,
High over-arched by ancient trees,
Where, like a tapestry o'erhead,
The gray moss floats upon the breeze :
A wavy breeze which kissed to-day
Tallulah's falls of flashing foam,
And sported in Toccoa's spray—
Brings music from its mountain home.

"The clouds are floating o'er the sky,
And cast at times a fitful gloom,—
As o'er our hearts dark memories fly,
Cast deeper shades on Tatnall's tomb;
While glimmering onward to the sea,
With scarce a rippling wave at play,
A line of silver through the lea,
The river stretches far away."*

Savannah was founded by General Oglethorpe in 1732. It was occupied in 1778 by the British, and came back into the possession of the Americans in 1783. But few Revolutionary remains are now to be seen, the city having overgrown most of them. Batteries, ramparts, and redoubts have given place to the more pleasant sights of fragrant gardens and shady parks. Mounds and ditches, however, may be traced near the edge of the swamp, south-east of the town. *Jasper's Spring*, the scene of a brave and famous exploit of the war time, may yet be visited. It lies near the Augusta road, two miles and a half from the city westward; the spring is a fountain of purest water, in the midst of a marshy spot, covered with rank shrubbery, at the edge of a forest of oak and pine trees. The interest of the place is in its association only. Sargent Jasper, aided only by one companion, watched by this spring for the passage of an American prisoner, under a British guard of eight men, whom he boldly and successfully assailed, restoring the captive to his country and his friends. In memory of this action,

* Buonaventura is upon the Savannah, which may be seen gleaming through the forest passages. "Tatnall's tomb," a family vault of the former possessors of the spot, was here, alone, before its adoption as a public cemetery.

Savannah—Augusta.

Sargent Jasper's name has been given to one of the public parks of the city.

Hotels.—The principal hotels, and they are most excellent ones, are the *Pulaski House* in Johnson or Monument Square, the *City Hotel* in Bay street, and the *Mansion House*. They are all eligibly and pleasantly situated in the heart of the city.

Savannah is one of the healthiest of the southern cities, and its climate is constantly improving, owing, it is said, to the improved manner of cultivating the great rice lands in the neighborhood. No pleasanter winter home for invalids or others can be found: for, to the balmy climate of the region, and every appliance of physical comfort, there are superadded extraordinary social attractions in the cultivated manners and the hospitable hearts of the people.

Routes from Savannah.—Georgia is famous the Union over for her railroad enterprise. In this respect, at least, she leads all the southern States. Her endless rails traverse her borders, and especially in the central and northern portions, in every direction: linking all her towns and districts to each other, and with all the surrounding States. Between ten and eleven thousand miles of railroad—either finished, or being built—now centre in Savannah, communicating thence, directly or indirectly, with Macon and Columbus, and with Montgomery in Alabama, with Augusta, Atlanta, and onward to Tennessee, etc. Roads, too, are in process of construction, or soon will be, to Charleston and to Pensacola, and other points in Florida.

The Central Railroad extends from Savannah, 192 miles, to Macon, with branch deflecting from Waynesborough to Augusta, and another to Milledgeville. It unites also with the South-Western road, to be extended west to the Chattahoochee river; and from that route by the Muscogee road to Columbus. The Macon and Western links the Central road from Savannah with the Georgia railroad from Augusta at Atlanta; the Western and Atlanta prolongs it thence to Chattanooga in Ten-

nessee, and by other routes to Knoxville. All these and other routes we shall duly follow as we continue our journey through the south and southwest.

Florida is reached at Jacksonville, St. Augustine, and other places, by regular tri-weekly steamers from Savannah. See chapter on Florida.

Augusta, one of the most beautiful cities in Georgia, and the second in population and importance, is on the eastern boundary of the State, upon the banks of the Savannah River, and at the head of its navigable waters, 120 miles N. N. W. from Savannah, and 136 N. W. from Charleston, with both of which cities it has long been connected by railroad. Augusta has now a population of over 12,000, and it is every year greatly increasing. The principal street, parallel with the river, is a noble avenue, in length and breadth. This is the Broadway of the city, wherein all the shopping and promenading are done, and where the banks, and hotels, and markets are to be found. Of late years, Augusta has spread itself greatly over the level lands westward.

A pleasant ride of two or three miles from the heart of the town, brings us to a lofty range of sand-hills, covered with charming summer residences. This high ground is in healthful atmospheres, even when epidemics prevail—as they very rarely do, however—in the city streets below.

There are delightful drives along the banks of the Savannah, particularly below the city; and across the river at Hamburg there are some beautiful wooded and grassy terraces, known as Shultz's Hill, and much resorted to as a picnic ground.

Augusta has some fine public buildings and churches. The City Hall, built at a cost of \$100,000, the Medical College, the Richmond Academy, and the Masonic Hall, are every way creditable to the architectural taste and the liberality of the people. The churches are about fifteen in number. There are also here an arsenal and hospital, and gas works.

The rapid development of the up-country of Georgia, within a few years, has brought down to Augusta, by her railways, great prosperity; and the water power which has been secured by means of a canal, which brings the upper floods of the Savannah River to the city, at an elevation of some 40 feet, is enlarging and enriching it by extensive and profitable manufactures. This canal, 9 miles in length, was constructed in 1845.

Routes from Augusta.—To Charleston by the South Carolina Railway; to Savannah by the Central road and the Waynesboro' Branch, and by steamers down the Savannah; to Atlanta by the Georgia Railway, and thence into Alabama or Tennessee by connecting lines; to Macon, Athens, Columbus, and most of the northern towns, by deflecting or intersecting lines of the Georgia road. *See Index* for the various routes, and the places and scenes to which they give access.

Macon, the capital of Bibb County, is on the Ockmulgee River, 191 miles west-north-west of Savannah, by the Central Railway, of which it is the northern terminus. From Augusta, by the Augusta and Waynesboro', 53 miles, to Millen, on the Central Railway; thence, 112, by the Central road from Savannah. Total distance from Augusta, 165 miles; from Milledgeville (the capital), by railway, 38 miles; from Atlanta, on the Georgia Railway, 101 miles; from Columbus, by the Muscogee and South Western Railways, 99 miles. The South Western extends (at present) to Americus, 71 miles from Macon, uniting with the Muscogee for Columbus at Fort Valley. Macon is one of the chief cities in Georgia in population (about 8,000). It is a prosperous commercial place, and a great cotton mart. The Georgia Female College is located here. Rose Hill Cemetery, on the Ockmulgee, is a pretty rural bit of native woodland. Lamar's Mound is a high rising ground, covered with fine private residences, continued by the pleasant suburban village of Vineville.

Columbus is on the Chattahoochee

River, the western boundary of the State; 290 miles from Savannah, by the Central, the South Western, and the Muscogee Railways, via Macon; from Augusta, 264 miles, by the Augusta and Waynesboro', the Central, the South Western, and the Muscogee Railway, or 310 miles by the Georgia Railway to Atlanta, thence by the Atlanta and Lagrange, and the Montgomery and West Point, via Opelika, Alabama; from Macon, by railway, 99 miles; from Atlanta, 139; from Montgomery, Alabama, by railway, 92 miles. Columbus is a handsome commercial city, of some 9,000 inhabitants. Large quantities of cotton are shipped hence for the Gulf of Mexico, via the Chattahoochee. *See Chattahoochee River* for picturesque scenes in this neighborhood. Girard, Alabama, is connected with Columbus by a fine bridge.

Atlanta is a new business town, with a population of about 5,000. It is the western terminus of the Georgia Railway. Distance by that route, 171 miles from Augusta; from Macon (railway), 101 miles, and from Savannah (railway), via Macon, 292 miles. The railway routes of Tennessee and of Virginia meet at Atlanta; also railways from Columbus and from Montgomery, Alabama. Atlanta is upon the great route from Boston and New York to New Orleans.

Athens is a beautiful up-country town on the Oconee River. From Augusta, by the Georgia Railway, to Union Point, 70 miles; thence by the Athens branch, 43 miles. Total, 113 miles from Savannah, by railway, via Augusta. Athens is the seat of Franklin College, the University of Georgia.

Milledgeville, the capital of Georgia, a town of about 3,000 people, is upon the Oconee River, in the midst of a fine cotton-growing region. From Savannah, by the Central Railway, to Gordon, 171 miles, and thence by the Milledgeville and Eatonton, 18 miles. Total, 189 miles. From Augusta, by the Augusta and Waynesboro', to Millen, on the Central road, 53 miles; thence by the Central (as from Savan-

The Mountain Region—Falls of Toccoa.

nah). Total distance from Augusta, 163 miles; from Columbus, 135 miles, and from Atlanta, 139 miles.

The Capitol at Milledgeville is a large semi-Gothic structure.

The **Oglethorpe University** is at Midway, a pretty village on the railway, $1\frac{1}{2}$ miles below Milledgeville.

The Mountain Region of Georgia.—Throughout all Northern Georgia, the traveller will find a continuation of the charming Blue Ridge landscape, which we have already explored in the contiguous regions of Upper South Carolina, and North Carolina *West*. This picturesque district in the "Pine State" extends from Rabun County, in the north-eastern corner of the State, to Dade, in the extreme north-west, where the summit of the Lookout Mountain over-sees the valley of the Tennessee. Here are the famous gold lands, and in the midst of them the Dahlonega branch of the United States Mint.

The most frequented, if not the finest scenes in this neighborhood are in the north-east, as the wonderful Falls of Tallulah and Toccoa, the valley of Nacoochee and Mount Yonah in Habersham County, the Cascades of Eastatoia and the great Rabun Gap in Rabun; all within a day's ride of the Table Mountain, Cæsar's Head, Jocassee, the Whitewater Falls, and other wonders of South Carolina. Further west are the Falls of Ammicalolah, the Cahutta Mountain, the Dogwood Valley, and Mount Look-out. This was formerly the hunting-ground of the Cherokees; and, indeed, not many years have passed since the final removal of this tribe to new homes beyond the Mississippi.

Clarkesville, a pleasant village in Habersham County, is a favorite summer residence of the people of the "Low

country" of Georgia, and the point of rendezvous for the exploration of the landscape of the region—the point from whence to reach Tallulah, Toccoa, Nacoochee, etc. From Charleston or Columbia, or other places in South Carolina, follow the railways to Greenville or to Anderson, S. C., and proceed thence by stage, one to two days' ride, to Clarksville; or take the Georgia railways from Augusta to Athens, and thence by stage, one or two days' travel to Clarksville, passing the Madison Springs, Mount Currahee, and Toccoa.

Toccoa Falls (for route see Clarksville, above), is in the County of Habersham, a few miles from the village of Clarksville.



Falls of Toccoa, Georgia.

The Falls of Toccoa and Tallulah.

The late Judge Charlton, describing this famous scene, says:

Several years have passed away since I last stood at the beautiful Fall of the Toccoa. It was one of the delightful summer days peculiar to the climate of Habersham County. The air had all the elasticity of the high region that surrounded us, and the scenery was of a character to elevate our spirits and enliven our fancy.

A narrow passage led us from the road-side to the foot of the Fall. Before us appeared the perpendicular face of rock, resembling a rugged stone wall, and over it,

"The brook came babbling down the mountain's side."

The stream had lost much of its fullness from the recent dry weather, and as it became lashed into fury, by its sudden fall, it resembled a silver ribbon, hung gracefully over the face of the rock, and waving to and fro with the breath of the wind. It reminded me more forcibly than any other scene I had ever beheld, of the poetic descriptions of fairy-land. It is just such a place—as has been often remarked by others—where we might expect the fays and elves to assemble of a moonlight night, to hold their festival on the green bank, whilst the spray, clothed with all the varied colors of the rainbow, formed a halo of glory around their heads. It is, indeed, beautiful, surpassingly beautiful: the tall trees reaching but half way up the mountain height, the silver cascade foaming o'er the brow of the hill, the troubled waves of the mimic sea beneath, the lulling sound of the falling water, and the call of the mountain birds around you, each and all come with a soothing power upon the heart, which makes it anxious to linger through the long hours of the summer day.

Tearing ourselves away from the enchantment that held us below, we toiled our way up to the top of the Fall, using a path that wound around the mountain. When we reached the summit, we trusted ourselves to such support, as

a small tree, which overhangs the precipice, could give us, and looked over into the basin beneath. Then, growing bolder as our spirits rose with the excitement of the scene, we divested ourselves of our boots and stockings, and waded into the stream, until we approached within a few feet of the cascade. This can be done with but little danger, as the brook keeps on the even and unruffled tenor of its way, until just as it takes its lofty plunge into the abyss below.

The height of the Fall is now 186 feet; formerly it was some feet higher, but a portion of the rock was detached some years ago by the attrition of the water, and its fall has detracted from the perpendicular descent of the stream.

"Beautiful streamlet! onward glide,
In thy destined course to the ocean's tide!
So youth impetuous, longs to be—
Tossed on the waves of manhood's sea:
But weary soon of cloud and blast,
Sighs for the haven its bark hath past;
And though thou rushest now with glee,
By hill and plain to seek the sea—
No lovelier spot again thou'lt find,
Than that thou leavest here behind;
Where hill and rock 'rebound the call'
Of clear Toccoa's water-fall!"

There are picturesque legends connected with this winsome spot; one of them narrates the story of an Indian chief and his followers, who, bent upon the extermination of the whites, and trusting to the guidance of a woman, was led by her over the precipice, and, of course, perished in their fall.

The **Cataracts of Tallulah** are 12 miles from Clarksville (see route to Clarksville), by a road of very varied beauty. From Toccoa to Tallulah the cut across is five or six miles only. There is a comfortable hotel near the edge of the gorges traversed by this wild mountain stream, and hard by its army of waterfalls.

The Tallulah or *Terrora*, as the Indians more appositely called it, is a small stream, which rushes through an awful chasm in the Blue Ridge, rending it for several miles. The ravine is 1,000 feet in depth, and of a similar width. Its walls are gigantic cliffs of dark granite.

Falls of Tallulah—Valley of Nacoochee—Mount Yonah—Eastatoia.

The heavy masses piled upon each other in the wildest confusion, sometimes shoot out, overhanging the yawning gulf, and threatening to break from their seemingly frail tenure, and hurl themselves headlong into its dark depths.

Along the rocky and uneven bed of this deep abyss, the infuriated Terrora frets and foams with ever varying course. Now, it flows in sullen majesty, through a deep and romantic glen, embowered in the foliage of the trees, which here and there spring from the rocky ledges of the chasm walls. Anon, it rushes with accelerated motion, breaking fretfully over protruding rocks, and uttering harsh murmurs, as it verges a precipice:

“Where, collected all,
In one impetuous torrent, down the steep
It thundering shoots, and shakes the country round.

At first, an azure sheet, it rushes broad;
Then whitening by degrees as prone it falls,
And from the loud-resounding rocks below
Dash'd in a cloud of foam, it sends aloft
A hoary mist, and forms a ceaseless shower.”

The most familiar point of observation is the Pulpit, an immense cliff which projects far into the chasm. From this position, the extent and depth of the fearful ravine, and three of the most romantic of the numerous cataracts are observed. At various other localities fine glimpses down into the deep gorge are afforded, and numerous other paths lead to the bottom of the chasm. At the several cataracts—the *Lodore*, the *Tempesta*, the *Oceana*, the *Serpentine*, and others,—the picture is ever a new and striking one—which the most striking and beautiful, it would be very difficult to determine. The natural recess called the *Trysting Rock*, once the sequestered meeting place of Indian lovers, is now a halting-spot for merry groups as they descend the chasm, just below the *Lodore* cascade. From this point, *Lodore* is upon the left, up the stream; a huge perpendicular wall of parti-colored rock towers up in front and below; to the right are seen the foaming waters of the *Oceana* cascade, and the dark glen into which

they are surging their maddened way. *Tempesta*, the *Serpentine*, and other falls, lie yet below.

The wild grandeur of this mountain gorge, and the variety, number, and magnificence of its cataracts, give it rank with the most imposing waterfall scenery in the Union.

The **Valley of Nacoochee** or the *Evening Star*, is said by tradition to have won its name from the story of the hapless love of a beauteous Indian princess, whose sceptre once ruled its solitudes. With or without such associations, it will be remembered with pleasure by all whose fortune it may be to see it. The valley-passages of the South are specialties in the landscape, being often so small and so thoroughly and markedly shut in, that each forms a complete picture, neither more nor less, in itself. The little vale of *Jocassee* in South Carolina, is such a scene, and that of *Nacoochee* is another, and yet finer example.

Nacoochee, like *Tullulah* and *Toccoa*, is a matter of a day's excursion from *Clarksville*.

Mount Yonah looks down into the quiet heart of *Nacoochee*, lying at its base. If the tourist should stay overnight in the valley, as he will be apt to do, he will take a peep at the mountain panorama to be seen from the summit of old *Jonah*.

The **Falls of the Eastatoia** are some three or four miles from the village of *Clayton*, in *Rabun*, the extreme north-eastern county of Georgia. They lie off the road to the right, in the passage of the *Rabun Gap*, one of the mountain ways from Georgia into North Carolina. *Clayton* may be reached easily from *Clarksville*, the next town southward, or in a ride of 12 miles from the *Falls of Tallulah*.

The village of *Clayton* is an out-of-the-way little place, occupying the centre of a valley completely encircled by lofty mountain ranges.

The *Eastatoia*, or the *Rabun Falls* as they are otherwise called, would be a spot of crowded resort, were it in the midst of a more thickly peopled

Scenes in the Mountain Region.

country. The scene is a succession of cascades, noble in volume and character, down the ravined flanks of a rugged mountain height. From the top of one of the highest of the falls a magnificent view is gained of the valley and waters of the Tennessee, north of the village of Clayton, and the hills which encompass it.

In the neighborhood of Eastatoia, and, indeed, all through Rabun County, the traveller will find every where delightful hill, valley, and brook scenery. We once traversed all the region leisurely, and with great pleasure, *en route* from Clarksville to the French Broad River in North Carolina.

Mountain Accommodations. We ought, perhaps, to remind the traveller, that when he leaves the frequented routes hereabouts, or any where among the Southern hills, he must voyage in his own conveyance, wagon or horseback (the latter the better), stop for the night at any cabin near which the twilight may find him, content himself with such fare as he can get (we won't discourage him by presenting the *carte*), and pay for it moderately when he resumes his journey in the morning.

Union County, lying upon the north-west line of Habersham, is distinguished for natural beauty, and for its objects of antiquarian interest.

The **Track Rock**, in Union, bearing wonderful impressions of the feet of curious animals now extinct, must be seen to be believed.

Pilot Mountain, also in Union, is a noble elevation of some 1,200 feet.

Hiawassee Falls, in the Hiawassee River; there are some beautiful cascades, some of them from 50 to 100 feet in height.

The **Falls of Ammicalolah** are in Lumpkin County, southwest of Habersham. They lie some 17 miles west of the village of Dahlonega, near the State road leading to East Tennessee. The name is a compound of two Cherokee words—"Ami," signifying water; and "Calolah," rolling or tumbling, strikingly expressive of the cataract, and affording us another instance of the sim-

licity and significant force of the names conferred by the untutored sons of the forest.

The visitor will rein up at the nearest farm-house, and make his way thence, either up the Rattlesnake Hollow to the base of the Falls, or to the summit. The range of mountains to the south and west, as it strikes the eye from the top of the falls, is truly sublime; and the scene is scarcely surpassed in grandeur by any other, even in this country of everlasting hills. The view from the foot embraces, as strictly regards the falls themselves, much more than the view from above, and is therefore, perhaps, the better; both, however, should be obtained in order to form a just conception of the scene; for here we have a succession of cataracts and cascades, the greatest not exceeding 60 feet, but the torrent in the distance of 400 yards, descending more than as many hundred feet. This creek has its source upon the Blue Ridge, several miles east of the falls; and it winds its way, fringed with wild flowers of the richest dyes, and kissed in autumn by the purple wild grapes which cluster over its transparent bosom; and so tranquil and mirror-like is its surface, that one will fancy it to be a thing of life, conscious of its proximate fate, rallying all its energies for the startling leap; and he can scarcely forbear moralizing upon the oft-recurring and striking vicissitudes of human life, as illustrated in the brief career of this beautiful streamlet.

From an elevated point, attained in ascending the mountain on the east, Dahlonega, embosomed in its lovely hills, is distinctly visible; several of the principal buildings are distinguishable—among them, the United States Branch Mint.

The **Look-out Mountain**. On the summit of this beautiful spur the north-west corner of Georgia and the north-east extremity of Alabama meet on the southern boundary of Tennessee. Almost in the shadow of the Look-out heights lies the busy town of Chattanooga, in Tennessee, on the great rail-

Scenes in the Mountain Region.

way route from Charleston via the Georgia roads to Knoxville, and thence by the Virginia railways to the north; and on the other hand westward, through Nashville to the Ohio and the Mississippi. See Chattanooga in the chapter on Tennessee.

The country around the "Look out" is extremely picturesque; the views all about the mountain itself are admirable, and nothing can exceed in beauty the charming valley of the Tennessee and its waters, as seen from its lofty summit. It is, too, in the immediate vicinage of other remarkable localities, the Dogwood Valley, hard by; Georgia and the Nickajack Cave in Alabama.

The Nickajack Cave. The mouth of this wonderful cavern, which has only to be known in order to be famous, is in Alabama, although otherwise it traverses Georgia territory. We leave it therefore for our chapter on Alabama.

There are some other mountain and waterfall pictures in Georgia besides those in the upper tier of counties, a few isolated scenes lower down, standing as outposts to the hill-region, as Mount Currahee, the Rock Mountain, and the Falls of Towalaga.

Mount Currahee is on the upper edge of Franklin County, adjoining Habersham, where we have already visited the Falls of Tallulah and Toccoa, Nachoochee and Yonah, and on the stage route from Athens (see route to Clarksville) to those scenes. It is about 16 miles above the village of Cairnesville, and a few miles below the Toccoa cascade.

Mount Currahee, in the midst of mountains, might not be very noticeable; but isolated as it is, and as an appetizer for the feast of wild beauties which the traveller from the lowlands is anticipating, it is always a scene of much interest.

The Rock Mountain is a place of great repute and resort in the western part of the State. It is in De Kalb County, where also is Atlanta, the western terminus of the Georgia Railway. It may thus be easily reached by the Georgia Road from Augusta, and

all points thereon, and from all places on the many different railways meeting at Atlanta. (See Atlanta.) The precise locality of the Rock or Stone Mountain, is at the Stone Mountain station on the Georgia Railway, 15 miles east of Atlanta, and 9 miles east of Decatur, the capital of the county. Accommodations are ample. The mountain stands alone in a comparatively level region. It covers 1,000 acres of surface. Its circumference is about six miles. Its height above the sea 2,230 feet, yet increased by the addition of an observatory.

The western view of the mountain, though perhaps the most beautiful, is not calculated to give the beholder a just conception of its magnitude. To obtain this, he must visit the north and south sides, both at the base and at the summit. Pursuing, for half a mile, a road which winds in an easterly direction along the base of the mountain, the traveller arrives directly opposite its northern front. There the view is exceedingly grand and imposing. This side of the mountain presents an almost uninterrupted surface of rock, rising about 900 feet at its greatest elevation. It extends nearly a mile and a half, gradually declining toward the west, while the eastern termination is abrupt and precipitous. The side is not perpendicular, but exhibits rather a convex face, deeply marked with furrows. During a shower of rain, a thousand waterfalls pour down these channels, and if, as sometimes happens, the sun breaks forth in his splendor, the mimic torrents flash and sparkle in his beams, like the coruscations of countless diamonds.

Near the road is a spring, which from the beauty of its location, and the delightful coolness of its water, is an agreeable place of resort. It is in a shady dell, and its water gushes up from a deep bed of white and sparkling sand. A more exquisite beverage a pure taste could not desire.

Among the curiosities of the mountain, there are two which are especially deserving of notice. One is the

Waterfalls and Springs.

"Cross Roads." There are two crevices or fissures in the rock, which cross each other nearly at right angles. They commence as mere cracks, increasing to the width and depth of five feet, at their intersection. They are of different lengths, the longest extending probably 400 feet. These curious passages are covered at their junction by a flat rock, about 20 feet in diameter.

Another is the ruins of a fortification, which once surrounded the crown of the mountain. It is said to have stood entire in 1788. When, or by whom, it was erected, is unknown. The Indians say, that it was there before the time of their fathers.

The Falls of the Towalaga would be beautiful any where, and they are therefore particularly so, occurring as they do in a part of the State not remarkable for its picturesque character. They lie some distance south of the Rock Mountain, and may be easily reached from Forsyth or Griffin, on the line of the railway from Macon to Atlanta.

The river above the falls is about three hundred feet in width, flowing swiftly over a rocky shoal. At its first descent, it is divided by a ledge of rock, and forms two precipitous falls for a distance of fifty feet. The falls are much broken by the uneven surface over which the water flows, and on reaching their rocky basin, are shivered into foam and spray.

From the foot of this fall, the stream foams rapidly down its declivitous channel, for two hundred feet, and again bounds over a minor precipice in several distinct cascades, which commingle their waters at its base in a cloud of foam.

The Indian Springs are in Butts County, near the Falls of the Towalaga. Stop at Forsyth or Griffin, on the railway between Macon and Atlanta.

The Madison Springs are on the stage route from Athens to the waterfall region of Habersham County, 7 miles from Danielsville, the capital of Madison County. Take the Georgia Railway and Athens Branch to Athens—thence by stage.

The Warm Springs, in Merriweather County, are 36 miles by stage from Columbus. A nearer railway point is Lagrange, on the Atlanta and Lagrange Railway, connecting at Atlanta with the Georgia road from Augusta. These springs discharge 1,400 gallons of water per minute of 90 degrees Fahrenheit.

The Sulphur Springs are 6 miles north of Gainesville, Hall County, in the upper part of the State. The nearest railway point is Athens, on the branch of the Great Georgia Road—thence by stage.

The Rowland Springs are about 6 miles from Cartersville, in Cass County. Cartersville is a station on the great railway route from Charleston via Augusta to Tennessee. Western and Atlantic link 47 miles above Atlanta; 91 miles below Chattanooga.

The Red Sulphur Springs, or "*the Vale of Springs*," are at the base of Taylor's Ridge, in Walker County, the north-west corner of the State. Western and Atlantic Railway. In the vicinity is the Look-out Mountain and other beautiful scenes. No less than twenty springs are found here in the space of half a mile,—chalybeate, sulphur, red, white and black, and magnesia.

The Thundering Springs are in Upson County, in the west central part of the State. Nearest railway station, Forsyth, on the western and Macon route from Macon to Atlanta.

The Powder Springs—sulphur and magnesia—are in Cobb County, accessible from Marietta, 20 miles above Atlanta, on the Western and Atlantic Railway.

ALABAMA.

THE natural beauties of Alabama, excepting in the peculiar features of the southern lowlands seen near the coast, are not of such marked interest to the tourist as the landscape of some other States. Still we shall lead attention to many objects most noteworthy and enjoyable.

In the upper region are the extreme southern outposts of the great Appalachian hill ranges; but, as if wearied with all their long journey, they here droop their once bold heads and fall to sleep, willing, perhaps, to accept the poetical signification of the name of the new territory into which they now enter—Alabama, *Here we rest*.

While the upper portion of the State is thus rude and hilly, the central falls into fertile prairie reaches. The extreme southern edge for fifty or sixty miles from the gulf, is sometimes a sandy, sometimes a rich alluvial plain.

The climate, like most of all the southern line of States, varies from the char-



A Cotton Plantation, Alabama.

acteristics of the tropics below, through all the intermediate degrees to the salubrious and invigorating air of the mountain lands above.

The chief agricultural product of Alabama is cotton, of which great staple it yields more than any other State in the Union. Extensive canebrakes once existed, but they have been greatly cleared away. Sugar cane grows on the southwest neck, between Mobile and the Mississippi. Many of the rich alluvial tracts yield rice abundantly. Tobacco, also, is produced. Indian corn, oats, sweet potatoes, buckwheat, barley, flax, and silk, are much cultivated, besides many other grains, fruits, and vegetables, and large supplies of live stock of all descriptions.

Mineral products. Alabama is rich in great deposits of coal, iron, variegated

The Alabama River; Scenes and Incidents.

marbles, limestone, and other mineral treasures. Gold mines, too, have been found and worked. Salt, sulphur, and chalybeate springs abound.

History. It is supposed that Alabama was first visited by white men in 1541, when the gallant troops of De Soto passed through its wildernesses, on their memorable exploring expedition to the great Mississippi. In 1702, a fort was erected in Mobile Bay by a Frenchman named Bienville, and nine years later the present site of the city of Mobile was occupied. At the peace of 1763, this territory passed into the possession of the English, with all the French possessions (except New Orleans) east of the Mississippi. Until 1802 Alabama was included in the domain of Georgia, and after 1802 and up to 1817 it was a part of the Mississippi Territory. At that period it was formed into a distinct government, and was admitted in 1819 into the Union as an independent State.

The Alabama River is a grand navigable stream, formed by the meeting, some ten miles above Montgomery, of the Coosa and the Tallapoosa. About 45 miles above the Mobile it is joined by the Tombigbee, and the united waters are thence known as the Mobile River. The Alabama is navigable for large steamers through its whole course of 460 miles, from the city of Mobile to Wetumpka. It has long been, and still is, a part of the great highway from Boston and New York to New Orleans. It flows through a country of rich cotton fields, broad savanna lands, and dense forest tracts.

A voyager on the Alabama thus memorandizes upon the boats, the landscape, and the incidents of the journey. His vessel—the first he had seen of these magnificent steamers—“was fitted up for the twofold purpose of carrying as many bales of cotton as can be heaped upon them without their sinking, and taking in as many passengers as can enjoy the luxuries which Southern manners and a hot climate require, especially spacious cabins, abundance of fresh air, and protection from the sun. The principal cabins of the steamer ran the whole length of the ship, on a deck above that on which the machinery was placed and where the cotton was piled up. This upper-deck was chiefly occupied by a handsome saloon, about 200 feet long, the ladies' cabin at one end opening into it with folding-doors. Sofas, rocking-chairs, tables, and a stove, were placed in this room, which was lighted by windows from

above. On each side of it was a row of sleeping apartments, each communicating by one door with the saloon, while the other led out to the guard, as they call it—a long balcony or gallery, covered with a shade or verandah, which passed round the whole boat. The second-class, or deck passengers, slept where they could, on the lower floor, where, besides the engine and the cotton, there were prodigious heaps of wood, which were devoured with marvellous rapidity by the furnace, and were often restored at the different landings, a set of negroes being purposely hired for this work.

“These steamers, notwithstanding their size, draw but very little water, for they are constructed for rivers which rise and fall very rapidly. They cannot quite realize the boast of a western captain, that he could sail on the morning dew, but some of them draw scarcely two feet of water. The high-pressure steam escapes into the air by a succession of explosions, alternately, from the pipes of the two engines. It is a most unearthly sound, like that of some huge monster gasping for breath; and when they clear the boilers of the sediment collected from the river-water, it is done by a loud and protracted discharge of steam, which reminded one of the frightful noise made by a steam-gun. Were it not for the power derived from the high-pressure principle, of blowing out from the boilers the deposit collected in them, the muddiness of the American rivers would soon clog the machinery. Every

The Alabama River; Scenes and Incidents.

stranger who has heard of fatal accidents by the bursting of boilers, believes, the first time he hears this tremendous noise, that it is all over with him, and is surprised to see that his companions evince no alarm. Habit soon reconciled us to the sound; and we were amused to observe the wild birds, perched on the trees which overhang the river, looking on with indifference while the paddle-wheels were splashing in the water, and the steam-pipes puffing and gasping loud enough to be heard many miles off."

"The pilot," continues our traveller, "put into his hands a list of the landings on the river, from Wetumpka to Mobile—no less than 200 of them, in a distance of 434 miles. A small part only of these consisted of bluffs, or those points where the high land comes up to the river's edge—in other words, where there is no alluvial plain between the great stream and the higher country. These spots, being the only ones not liable to inundation, and which can, therefore, serve as inland ports when the river is full, or when the largest boats can sail up and down, are of great importance in the inland navigation of the country. A proprietor whose farm is thus advantageously situated, usually builds a warehouse, not only for storing up for embarkation the produce of his own land, but large enough to take in the cotton of his neighbors. A long and steeply-inclined plane is cut in the high bank, down which one heavy bale after another is made to slide. The negroes show great dexterity in guiding these heavy packages; but, occasionally, they turn over and over before reaching the deck of the boat, and sometimes, though rarely, run off the course and plunge into the river, where they float until recovered.

"The banks of the Alabama, like those of the Savannah and Altamaha rivers, are fringed with canes, over which usually towers the deciduous cypress, covered with much pendent moss. The mistletoe enlivens the boughs of the trees when out of leaf, and now and then, through an opening in the thicket

bordering the river, the evergreen pine-forest appears in the back-ground. Some of the largest trees on the banks are sycamores (*platanus occidentalis*), called button-wood, one of which, when measured, was found to be eighteen feet in circumference. The old bark is continually peeling off, and the new is as white as if the trunk of the tree had been painted."

When it was growing dusk, and nearly all had retired to their cabins, and some to their beds, our traveller was startled by a loud crash, as if parts of the woodwork of the steamer were giving way over his head. At the same moment, a shower of broken glass came rattling down on the floor of the cabin. As he expected to land in the course of the night, he had not taken off his clothes, so he rushed immediately on deck, and learnt from the captain that there was no danger. He then went down to tell the passengers, especially the women, who were naturally in no small alarm, that all was safe. He found them in great consternation, crowded together at the door of the ladies' cabin, several mothers with children in their arms. When he returned to see what had happened, a most singular and novel scene presented itself. Crash after crash of broken spars and the ringing of shattered window-glasses were still heard, and the confusion and noise were indescribable. "Don't be alarmed; we have only got among the trees," said the captain. This he found was no uncommon occurrence, when these enormous vessels are sweeping down at full speed in the flood season. Strange as it may seem, the higher the water rises the narrower is the river channel. It is true that the adjoining swamps and lowlands are inundated far and wide; but the steamers must all pass between two rows of tall trees which adorn the opposite banks, and as their great branches stretch out, very often, half way over the stream, the boat, when the river has risen forty or sixty feet, must steer between them. In the dark, when they are going at the rate of sixteen miles an hour

Rivers, Hills and Caves, etc.

or more, and the bends are numerous, a slight miscalculation carries the wood-work of the great cabin in among the heads of the trees. In this predicament he found the boat when he got on deck. Many a strong bough had pierced right through the cabin windows on one side, throwing down the lights and smashing the wooden balustrade and the roof of the long gallery, and tearing the canvas awning from the verandah. The engine had been backed, or its motion reversed, but the steamer, held fast by the trees, was swinging round with the force of the current. A large body of men were plying their axes freely, not only cutting off boughs, but treating with no respect the framework of the cabin itself. He could not help feeling thankful that no branch had obtruded itself into his berth. At length he got off, and the carpenters and glaziers set to work immediately to make repairs.

The Tombigbee River flows 450 miles from the north-east corner of Mississippi, first to Demopolis, Alabama, where it unites with the Black Warrior, and thence to the Alabama River, about 45 miles above Mobile. Its course is through fertile savanna lands, occupied by cotton plantations. Aberdeen, Columbus, Pickensville, Gainesville, and Demopolis, are upon its banks. Large steamboats ascend 366 miles to Columbus.

The Black Warrior River unites at Demopolis with the Tombigbee (see Tombigbee above). Tuscaloosa, the capital of the State, is upon its banks. To this point large steamboats regularly ascend, 305 miles, from Mobile. The Indian name of this river was Tuscaloosa, and it is still thus sometimes called.

The Chattahoochee forms a part of the Eastern boundary of the State.—*See Georgia.*

The Hill-Region.—The upper part of Alabama is picturesquely broken by the Alleghanies, which end their long journey hereabouts. In the north-east extremity of the State, there are many fine landscape passages.

The Nickajack Cave enters the Raccoon Mountain a few miles below

Chattanooga, Tennessee, and the Look-out Mountain, and immediately finds its way into Georgia. A magnificent rocky arch of some 80 feet span forms the mouth of the cavern, high up in the mountain side. Just beneath is a dainty little lakelet, formed by the waters of a mysterious brook, which comes from the interior of the cave, and disappears some distance from the point of egress, rising again without. How the waters of this singular pond vanish, no one knows, any more than how they come; but vanish they do, for some distance, when they are again seen, making their way, like all ordinary mortal waters, toward other streams. The passage of the cave is made in a canoe, on this subterranean and nameless stream, now through immense chambers of grand stalactites, and now through passages so narrow, that to pass, one must crouch down on his back and paddle his way against the walls and roof of the procrustean tunnel. We thus explored the Nickajack some years ago for seven miles, without finding its end or any signs thereof. At that period no traveller had before penetrated so far, and we have not heard of any additional revelations since. This wonderful Avernus was at one period of long ago, the rendezvous of the band of a certain negro leader, known as Nigger Jack. His mountain head-quarters were thus called "Nigger Jack's" Cave, a patronymic refined at this day into the more romantic name of the Nickajack. Large quantities of saltpetre are found here.

Natural Bridge.—In Walker county there is a remarkable Natural Bridge, thought by some travellers to be more curious than the celebrated scene of the same kind in Virginia.

The Muscle Shoals are an extensive series of rapids in that part of the Tennessee River which lies in the extreme northern part of the State. The descent of the water here is 100 feet in the course of 20 miles. The neighborhood is a famous resort of wild ducks and geese, which come in great flocks in search of the shell-fish from which the rapids derive their name. Boats

Springs—Railways—City of Mobile.

cannot pass this part of the Tennessee except at times of very high water. A canal was once built around the shoals, but it has been abandoned and is falling into decay.

Mineral Springs abound in the upper part of Alabama. The Blount Springs, in Blount County, near the Black Warrior river, are much resorted to; and so also the Bladen Springs, in Choctaw County, in the western part of the State, near the line of the Mobile and Ohio Railways. At Tuscumbia a spring issues from a fissure of the limestone rock, discharging 20,000 cubic feet of water per minute. It forms a considerable brook, which enters the Tennessee $2\frac{1}{2}$ miles below. There are valuable sulphur springs in Shelby and Talladega counties. The Shelby Springs are near Columbiana, on the Alabama and Tennessee River Railway.

Huntsville is a beautiful mountain village of Alabama, on the line of the Memphis and Charleston Railway, 150 miles above Tuscaloosa and 116 below Nashville, Tennessee.

Railways.—The Mobile and Ohio extends northward 219 miles from Mobile to Columbus, Mississippi. From thence it is proposed to continue it to a point on the Memphis and Charleston road, which crosses Northern Alabama.

The Montgomery and West Point extends 88 miles from Montgomery to a connection with the Georgia Railway from Augusta, Atlanta, Columbus, &c. It is a part of the highway from the Northern cities to New Orleans.

The Alabama and Tennessee Railroad runs 73 miles, from Selma to Columbiana. Shelby Springs are near Columbiana.

The Memphis and Charleston extends from Memphis, on the Mississippi river, along the lower line of Tennessee and the upper line of Alabama, to Chattanooga, 310 miles; thence by the Georgia and Carolina Railways to Atlanta, Macon, Augusta, Savannah, Charleston, &c., and, in another direction, to Knoxville, and thence to Virginia. The part of the route West from Tuscumbia, Alabama, is just finished. Tuscumbia,

Decatur, and Huntsville, are among the towns on this road.

Mobile is the last changing place on the great mail route from the Northern cities to New Orleans. (See route to New Orleans.) Steamboats connect daily with New Orleans, 165 miles westward. From St. Louis it is reached by steamers on the Mississippi to New Orleans. From Montgomery, 330 miles above, by steamboats daily on the Alabama river. Distance of Mobile from New York, 1566 miles; time, four to five days; fare, between 40 and 50 dollars.

From Montgomery to Mobile, by Steamboat.

To Washington.....	12
Lowndesport.....	10 22
Vernon.....	9 31
Miller's Ferry.....	9 40
Benton.....	14 54
Selma.....	23 82
Cahawba.....	16 98
Portland.....	23 121
Bridgeport.....	17 138
Canton.....	4 142
Prairie Bluff.....	10 152
Black Bluff Landing.....	24 176
Bell's Landing.....	20 196
Claiborne.....	22 218
Gosport.....	7 225
Oliver's Ferry.....	8 233
French's Landing.....	9 242
James Landing.....	6 248
Tombigbee River.....	39 287
Fort St. Philip.....	23 310
MOBILE.....	21 231

Fare \$10.00.

From Montgomery to Mobile by Stage.

To Pintlala.....	13
Hickory Grove.....	11 24
Sandy Ridge.....	5 29
Kirkville.....	5 34
Greenville.....	12 46
Activity.....	26 72
Burntcorn.....	18 90
Claiborne.....	24 114
Mt. Pleasant.....	18 132
Stockton.....	35 167
Blakely.....	16 183
MOBILE.....	14 197

Fare \$8.00.

Reverse these tables for routes from Mobile to Montgomery.

From Mobile to New Orleans by Steamboat.

To Cedar Point, Ala.....	30
Portersville.....	12 42

Mobile—Montgomery—Tuscaloosa.

To Pascagoula, Miss.....	13	55
Mississippi City.....	28	83
Cat Island.....	11	94
East Marianne.....	11	105
West Marianne.....	5	110
St. Joseph's Island.....	5	115
Grand Island.....	4	119
Lake Borgne.....	9	123
Fort Coquilles.....	11	139
Point aux Herbes.....	7	146
Lakeport (on Lake Pontchartrain).....	15	161

By Railroad.

NEW ORLEANS..... 5 166

Fare \$5.00.

Mobile was founded by the French, about the year 1700, and was ceded by that nation to England in 1763. In 1780 England surrendered it to Spain, and on the 5th of April, 1813, it was made over by the Spanish government to the United States. It was incorporated as a city in December, 1819. The present population is about 22,000.

The city is pleasantly situated on a broad plain, elevated 15 feet above the highest tides, and has a beautiful prospect of the bay, from which it receives refreshing breezes. Vessels having a draft of more than 8 feet of water cannot come directly to the city, but pass up Spanish River, six miles round a marshy island, into Mobile River, and then drop down to the city. As a cotton mart, and a place of export, Mobile ranks next in importance to New Orleans and Charleston. In 1850 the tonnage of this port was upwards of 25,000 tons. The city is supplied with excellent water, brought in iron pipes for a distance of two miles, and thence distributed through the city. This port is defended by Fort Morgan (formerly Fort Bower), situated on a long, low, sandy point, at the mouth of the bay, opposite to Dauphin Island. A light-house is built on Mobile Point, the lantern of which is 55 feet above the level of the sea.

A number of sailing vessels ply regularly between Mobile and New Orleans, and places in the Gulf of Mexico, and the principal cities on the Atlantic coast. Steamboats also keep up a daily communication with New Orleans, via Lake Borgne, and likewise with Montgomery, continuing the route hence to

Charleston, S. C., and the East. The Mobile and Ohio Railroad, a most important work for the city of Mobile and the States through which it will pass, is now under active construction, a portion of which is already opened. This road, in connection with its great link, the Illinois Central Railroad, will be one of the greatest works of the age, extending from the Gulf of Mexico to Lake Michigan, and embracing nearly twelve degrees of latitude. See Railways of Alabama, *ante*.

Spring Hill College (Roman Catholic), is located here.

Montgomery, the capital and the second city of Alabama in population and trade, and one of the most prosperous places in the South, is on the Alabama River, 331 miles from Mobile by water. See Mobile for routes hence to that city and to New Orleans. Montgomery is connected by railway with the Georgia roads, and is upon the Great Northern and Southern Line from New York to New Orleans. Population about 8,000.

From Montgomery to Tuscaloosa, Ala., by stage.—To Wetumpka, 15; Kingston, 39; Maplesville, 61; Randolph, 71; Centreville, 85; Scottsville, 93; Mars, 99; *Tuscaloosa*, 123.

Tuscaloosa is upon the Black Warrior River, at the head of steamboat navigation, 125 miles by plank road from Montgomery. It is one of the principal towns of Alabama, and was once the capital. It is the seat of the University of Alabama, established 1831. The State Lunatic Asylum and a United States Land Office are located here also. Population about 4,000.

For route to Montgomery, see Montgomery, *ante*.

From Tuscaloosa to Tusculumbia, Ala., by stage.—To New Lexington, 24; Eldridge, 51; Thorn Hill, 73; Russelville, 103; *Tusculumbia*, 111.

From Tuscaloosa to Huntsville, Ala., by stage.—To McMath's, 32; Jonesboro', 44; Elyton, 56; Mount Pinson, 70; Blountsville, 96; Oleander, 120; Lacy Springs, 132; Whitesburg, 139; *Huntsville*, 149.

MISSISSIPPI.

MISSISSIPPI, like Alabama, was first visited by Europeans at the time (about 1541) when the Spanish expedition bore the bright banner of De Soto through all the great belt of forest swamps which lies upon the Mexican Gulf—from the palm-covered plains of Florida on the east, to the far-off floods of the mighty “Father of Waters,” on the west.

The enmity of the Indians, and other obstacles, prevented any permanent occupation of the new country at this period. In 1682, La Salle descended the Mississippi River, and visited the territory of its present namesake State. Two years after, he set out again for the region, with a resolute band of colonists, but the venture failed before it was fairly begun, various misfortunes preventing his ever reaching his destination. Iberville, a Frenchman, made the third attempt at a settlement, but with no better success than his predecessors met with. A beginning was, however, at length accomplished, by Bienville and a party of Frenchmen. This expedition settled in 1716 at Fort Rosalie, now the city of Natchez. A dozen years later (1728) a terrible massacre of the new comers was made by their jealous Indian neighbors, which checked, but yet did not stay, the “course of empire.” “Manifest destiny” was the watchword of America then, even as it is now; and the whites “still lived,” despite decapitation. Other sanguinary conflicts with the aborigines took place in 1736, ’39, and ’52, with the same final result—the defeat and devastation of the Indian tribes, and the triumph of the invading whites.

The territory fell into the possession of the British Crown upon the conclusion of the peace of Paris, in 1763. The strength of the new colony was augmented about this period by portions of the dispersed Acadian communities of Nova Scotia; and soon after a stream of colonists stole down from the New England territories, by the way of the Mississippi and the Ohio Rivers. In 1798 the colony was organized as a Territory, Alabama forming a portion thereof. The State history of Mississippi began December 10, 1817.

Much of the area of Mississippi is occupied by swamp and marsh tracts. There is within her territory, between the mouth of the Yazoo River and Memphis in Tennessee, a stretch of this description, covering an area of nearly 7,000 square miles. It is sometimes a few miles broad, and sometimes not less than a hundred. These low portions of the State are subject to inundation at the time of freshets, and great is the cost and care to protect them, as well as all the lands of a similar character lying along the Mississippi. Banks, or levees, are built along the river shores to restrain the unruly floods, but sometimes a breach or crevasse, as such rent is called, occurs, and then woeful is the damage and great the risk, not only of property but of life.

Where the country is not thus occupied by swampy or marshy stretches, it sweeps away in broad table-lands, shaped into grand terraces, or steps descending from the eastward to the waters of the great river. The steps are formed by two ranges of bluffs, which sometimes extend to the river shores, and halt abruptly in precipices of fifty and even a hundred feet perpendicular height. These bluffs are features of great and novel attraction to the voyager on the Mississippi River.

The climate of Mississippi has the same general characteristics of the other Southern States, passing from the temperatures of the torrid zone, southward, to more temperate airs above—unlike Alabama, however, and the South-eastern States of Georgia and Carolina, it has no bold mountain lands within its area.

The climate of Mississippi cannot at present be commended for salubrity;

though as the marsh lands become cleared and cultivated, the fatal miasmas which at present taint the air at certain seasons and in particular districts, will decrease—nay, perhaps disappear entirely; and the dread caution, like that over the entrance to Dante's Inferno, may no more require to be written upon any part of her fruitful domain. The winters here, and in the neighboring State of Louisiana, have a temperature a few degrees lower than that of the same latitudes near the Atlantic. The fig and the orange grow well in the lower part of the State, and the apple flourishes in the higher hilly regions. Cotton is the great staple of Mississippi, the State being the third in the Union in this product: the second even, the amount of population being the measure. Besides cotton, however, the varied soil yields great supplies of Indian corn, tobacco, hemp, flax, silk, and all species of grains and grasses, besides live-stock of very considerable values.

Mississippi has no very extensive mineral products; or, if she has, they have not as yet been developed. Some gold has been found, but in no important quantity.

Most of the water-courses here are tributaries of the Mississippi. They run, chiefly, in a south-west direction, following the general slope of the country. Some lesser waters, in the eastern sections, find their way to the Gulf of Mexico, as tributaries of the Pearl River, in the centre of the State, and of the Tombigbee and Pascagoula, in Eastern Mississippi and Western Alabama.

The Yazoo River is a deep and narrow stream, and sluggish in its movements. It is nearly 300 miles in length, exclusive of its branches, and is navigable for steamboats in all its course, and at all seasons, from its mouth to its sources. Its way leads through great alluvial plains of extreme fertility, covered every where by luxuriant cotton fields. Vicksburg is 12 miles below the union of the Yazoo with the Mississippi.

The Tallahatchie, the largest branch of the Yazoo, has a length almost as great as that river, 100 miles of which may be traversed by steamers.

The Big Black River is some 200 miles long. Its course and destiny are the same as that of the Yazoo, as also the character of the country which it traverses.

The Pearl River pursues a devious course from the north-east part of the State, 250 miles, to Lake Borgne, and thence to the Gulf of Mexico. Jackson, the capital of the State, is upon the Pearl River, south-west of the central region. Small boats sometimes ascend the river as far as this place, though the navigation is almost destroyed by

the accumulations of sand-bars and drift-wood.

RAILWAYS IN MISSISSIPPI.

The Mobile and Ohio Road extends, first, along the western edge of Alabama, and afterwards near the eastern line of Mississippi, 219 miles northward from the city of Mobile, Alabama, to Columbus, Mississippi.

The Southern Mississippi, part of a line which will cross the centre of the State from east to west, extends at present eastward from Jackson, the capital of the State, about 30 miles to Myersville, and westward, 46 miles, to Vicksburg, on the Mississippi.

The Mississippi and Tennessee will extend southward from Natchez, 97 miles, to Granada, where it will be continued by other routes, either completed or in progress, to New Orleans. A part of the line only, from Natchez down, is at present in operation.

The Mississippi Central Road is at present completed from Holly Springs, in the northern part of the State, 20 miles, to its junction with the Memphis and Charleston route.

The New Orleans, Jackson, and

Great Northern Railway, from New Orleans to Jackson, is in operation, north-west, to the Mississippi boundary. See Railways of Louisiana.

Jackson, the capital of Mississippi, is upon the Pearl River, south-west from the centre of the State. It is connected by railway, 46 miles, with Vicksburg, on the Mississippi River, and may be thus reached from New Orleans. The Southern Mississippi road extends, at present, 14 miles east of Jackson, to Brandon. It is a chief point on the great railway route now in progress from New Orleans northward. The State Capitol, the Penitentiary, Lunatic Asylum, and a United States Land Office, are here. Population, about 4,000.

From Jackson to Natchez, Miss., by stage.—To Newtown, 10; Gallatin, 40; Malcolm, 75; Hamburg, 85; Natchez, 101.

From Jackson to Woodville, via Natchez and Bayou Sara.—To Natchez (as in previous route), 101 miles; Cold Spring, 121; Woodville, 137; by railroad to Laurel Hill, 13; Bayou Sara, 24; total, 150 miles.

From Jackson to Granada, Miss.—To Canton, 24; Benton, 51; Lexington, 76; Carrollton, 106; Granada, 126.

From Jackson to Columbus, Miss.—To Canton, 24; Springfield, 42; Hopahka, 60; Louisville, 98; Columbus, 145.

Cooper's Well, in Hind County, 12 miles west of Jackson, is noted for the mineral qualities of its waters.

Natchez, on the Mississippi River, 279 miles above New Orleans, is the most populous and commercial place in

the State. It is built upon a bluff, 200 feet above the water, overlooking the great cypress swamps of Louisiana. The lower part of the town, where the heavy shipping business is done, is called Natchez-Under-the-Hill. In Seltzertown, near Natchez, there is a remarkable group of ancient mounds, one of which is 35 feet high. Smaller remains of the kind are found yet nearer the town. Population, about 7,000.

Vicksburg is upon the Mississippi, 400 miles above New Orleans, and 46 miles, by railway, from Jackson, the capital of the State. Population, about 4,000.

Aberdeen, a town of some 4,000 inhabitants, is upon the Tombigbee River, 165 miles north-east of Jackson, 28 north of Columbus, and 540 from Mobile, by water. Steamboats ply regularly from Mobile.

Columbus, population about 4,000, is upon the Tombigbee River, 60 miles below Aberdeen, and 145 miles north-east of Jackson. See Jackson for route thither. Regular steamboat communication with Mobile.

Holly Springs is 210 miles above Jackson. It is connected by railway (north) with the line from Memphis to Chattanooga, Tennessee. The Chalmers's Institute and St. Thomas' Hall for Boys, the Franklin Female College, and the Holly Springs Female Institute are here.

The vicinage of Holly Springs is remarkable for its natural beauty and its salubrious climate.

The Lauderdale Springs, sulphur and chalybeate, are in Lauderdale County, in the extreme north-west corner of the State.

LOUISIANA.

LOUISIANA is one of the most interesting States in the Union, from the romantic incidents of its early history, the peculiar features of its landscape, and its unique social character and life.

The traveller, looking upon the face of the Great River, will recall the bright hopes of De Soto, when he, too, so gazed with delighted wonder; then he will muse upon that hapless destiny which gave the gallant explorer a grave beneath

the very floods which he was the first to find and enter, with such exultant anticipations. Then he will remember the visit of La Salle, to the mouth of the river, in 1691—next, the attempted settlement, in 1699, under the brave lead of Iberville; then comes the enterprise of Crozart, to whom the country was granted by Louis XIV. in 1712; next comes its history from 1717, while in possession of the famous French financier John Law, and his company of rash speculators, with all the incidents of the story of the brilliant but fleeting "Mississippi Bubble;" next the restoration of the territory to the French Crown, its transfer to Spain in 1762, its retrocession to France in 1800, and its final acquisition by the United States in 1803, when this Government purchased it for \$11,500,000, and the further payment of certain claims of American citizens against the Government of France. Of the history of the region in its participation in our national trials, and especially of the memorable event of the battle of New Orleans, we shall speak by-and-by.

Louisiana in no part of its territory reaches a greater elevation than 200 feet above the level of the Gulf of Mexico, while very much of the Southern region is so low that it becomes inundated at high water. Marshes extend from the coast; then come the low prairie lands which approach the central parts of the State; and above, the country grows broken and hilly, west of the basin of the Mississippi. In the extreme north-west is a marshy tract of 50 miles in length and 6 in breadth, full of small lakes, made by the interlacings of the arms of Red River. It is estimated that an area of between 8000 and 9000 square miles, lying respectively upon the Mississippi and Red rivers, is subject to inundation annually.

About three-fifths of the whole area of the State is alluvial and diluvial; the rest is occupied by the tertiary formation, and contains coal and iron, ochre, salt, gypsum and marl. In the vicinity of Harrisonburg, near the north-eastern line of the State, and among the freestone hills which rise hereabouts precipitously to a height of 80 and 100 feet, large quartz crystals have been found, and quantities of jasper, agates, cornelians, sardonyx, onyx, feldspar, crystallized gypsum, alumine, chalcedony, lava, meteoric stones and fossils.

The exhalations from the marshes in the long hot summers poison the atmosphere, and make Louisiana, in much of its territory, dangerous to the acclimated, and quite unapproachable to strangers, at the season when the especial features of the landscape may be seen in all their greatest glory.

Cotton and sugar-cane are the great products of this State. Of the latter staple, it yielded in 1850 nine-tenths of the whole supply raised in the United States. Two-thirds of all the alluvial land is overrun by the sugar-cane.

The bays and lakes, formed by expansions of the rivers in the marsh lands near the coast, make a marked feature in the landscape of Louisiana, as lakes Pontchartrain, Borgne, Maurepas, &c. Some of these waters we shall see again when we reach New Orleans.

Besides the Mississippi and the Red rivers, of which the reader will find accounts elsewhere in our volume, the streams in Louisiana do not offer very great attractions to the traveller.

Railways.—But little need of Railway communication has heretofore been felt in Louisiana, so great are the facilities of travel by water; though the iron roads now in progress, chartered or projected, will traverse the country in all directions, and connect it advantageously with the neighboring States.

The New Orleans, Jackson and Great Northern Railway extends 206 miles north from New Orleans, through Jackson, the Capital of Mississippi, to Can-

PLAN OF NEW ORLEANS.

Scale of Half a Mile.



REFERENCES.

- 1 Court House
- 2 Cathedral
- 3 Old Jail
- 4 Orleans Theatre
- 5 City Exchange
- 6 Orleans Hotel
- 7 Bank of Louisiana
- 8 Louisiana State Bank
- 9 Custom House
- 10 Merchants' Ex. Bldg
- 11 Hebrew Synagogue
- 12 Hqs. Maison de Saint
- 13 Bowditch Exchange
- 14 Planter's Hotel
- 15 City Bank
- 16 Merchant's Bldg. Bk
- 17 Verandah Hotel
- 18 St Charles Ex. Hotel
- 19 Gas Works & Office
- 20 Merchants' Ex. Bldg
- 21 Canal & Coal Banks
- 22 Amer. Theo. & Ath. Bldg

Railway Routes to New Orleans.

ton, the upper portion of the route being at present travelled by stage.

The New Orleans, Opelousas and Great Western line, crosses the low peninsular part of the State westward from New Orleans, 73 miles to Bayou Boeuf. This route is to be continued north-westward through the State past Alexandria and Natchitoches to a junction with other projected lines in Texas.

The Mexican Gulf R. R. runs from New Orleans to Proctorsville, on Lake Borgne.

The New Orleans, Milneburg and Lake Pontchartrain, and the New Orleans and Carrollton Railways, are short routes from New Orleans.

The West Feliciana Railway extends 26 miles from Bayou Sara, on the Mississippi, north to Woodville,—to be continued to Natchez.

The Clinton and Port Hudson Road, from Port Hudson on the Mississippi to Clinton, is 14 miles in length.

New Orleans from New York.

By railway, via Philadelphia, Baltimore, Washington, Richmond, Kingsville, on the Columbia branch of the S. C. Railway (or Charleston, S. C.) Augusta, Atlanta, Georgia, Montgomery and Mobile, Alabama. (From Montgomery by steamboat, rest of the route Railway.) New Orleans may also be pleasantly

reached from the Northern cities by the Railway routes to Pittsburg or to Cincinnati, and thence down the Ohio and the Mississippi rivers, or to Saint Louis by Railways and down the Mississippi. To go by one route and return by the other, would make a fine round tour of the Union.

New Orleans, the metropolis of the South-western States, is built within a great bend of the Mississippi river (from whence its name of the Crescent City), 94 miles from its *debouchure* into the Gulf of Mexico. It is distant from New York 1,663 miles, from Philadelphia 1,576, Boston 1,887, Baltimore 1,478, Washington City 1,438, Charleston, S. C., 879, Cincinnati 1,548, St. Louis 1,201, Pittsburg 2,025, Chicago 1,628, and the Falls of St. Anthony 1,993.

The city is built on land gently descending from the river towards a marshy ground in the rear, and from two to four feet below the level of the river at high water mark. It is prevented from overflowing the city by an embankment of earth, termed the *Levee*, which extends from Fort Plaquemine, 43 miles below the city, to 120 miles above it; it is 15 feet wide and 4 feet high, and forms a delightful promenade. It is accessible at all times by vessels of



New Orleans, Louisiana.

New Orleans: Hotels—Theatres—Markets—Cotton Presses.

the largest description coming from the ocean, and its advantages of communication with the upper country, and the whole valley of the Mississippi, are at once stupendous and unrivalled. It is not an exaggeration to say that, including the tributaries of this noble river, New Orleans has upwards of 17,000 miles of internal navigation, penetrating the most fertile soils, and a great variety of climates; though at present the resources of this immense valley are only partially developed.

This city is the chief cotton mart of the world. Not unfrequently from a thousand to fifteen hundred flat-boats may be seen lying at the Levee, that have floated down the stream hundreds of miles, with the rich produce of the interior country. Steamboats of the largest class may be observed arriving and departing almost hourly; and, except in the summer months, at its wharves may be seen hundreds of ships and other sailing craft, from all quarters of the globe, landing the productions of other climes, and receiving cargoes of cotton, sugar, tobacco, lumber, provisions, &c. Indeed, nothing can present a more busy, bustling scene than exists here in the loading and unloading of vessels and steamers, with hundreds of drays transporting the various and immense products which come hither from the West.

New Orleans consists of the city proper, which is built in the form of a parallelogram, the suburbs of St. Mary's, Annunciation, and La Course, called fauxbourgs; to which may be added the city of La Fayette, although under a separate government. Below the city are the suburbs of Marigny, Dounois, and Declouet, and in the rear are Tremé and St. John's. The whole extent is probably not less than five miles, in a line parallel with the river, and extending perpendicularly to it, from a quarter to three-quarters of a mile, and to the Bayou St. John two miles.

Hotels.—The Crescent City is famous for the extent and style of its hotels, in a land of sumptuous establishments of the kind.

The St. Charles is a splendid "institution" on St. Charles street. Destroyed by fire, it was re-built by the close of 1852, at a cost of nearly \$600,000. The house was leased at the rate of \$30,000 per annum until 1855, and at \$40,000 since that period. It has accommodation for nearly 1000 guests.

The St. Louis hotel, another superb palatial establishment, is upon St. Louis street. It holds the same high rank as the St. Charles.

The Verandah, another first class hotel, is a magnificent palace-home for the stranger. It is situated on Common street.

The City Hotel is on Camp and Common streets.

THEATRES.—New Orleans is as amply supplied with public amusements as with public houses. Both are esteemed there as among the first of human considerations.

The St. Charles Theatre, on St. Charles street, was built at a cost of \$350,000. It is 132 feet in length and 170 feet deep. The best histrionic talent of the time is displayed upon its boards.

The Orleans Theatre.—The representations at this house are in the French language. It is a very popular resort of the large foreign population of the city.

The American Theatre is another of the leading dramatic establishments. There are still many other minor theatres, and places of amusement, in the city.

The edifices of the City Bank, on Toulouse street, of the Canal Bank, on Magazine street, and of the Bank of Louisiana, are note-worthy objects.

THE MARKETS.—The stranger here will be much interested by a visit to the markets. St. Mary's, in the Second District, the Washington Market, in the Third District, and the meat market, on the Levee, are all extensive establishments.

COTTON PRESSES.—There are some 20 or more great cotton presses in New Orleans, each occupying usually a whole block to itself. They are well worth

New Orleans: Churches—Public Buildings—Literary Societies—Parks.

inspection. A fine view of the city may be had from the summit of the dome, which surmounts the centre building of the edifice known as the New Orleans Cotton Press; 150,000 bales of cotton are, it is said, annually pressed at this last mentioned establishment.

Churches.—The city possesses many elegant church edifices.

The Church of St. Louis, opposite Jackson Square, makes an imposing appearance. The entrance is flanked on either side by a lofty tower. The present building was erected in 1850, upon the site of the old church, which was pulled down. The Presbyterian Church, opposite Lafayette Square; the Jewish Synagogue (formerly the Canal street Episcopal Church); St. Patrick's Church, on Camp street, and the new Episcopal Church on Canal street, are all fine structures. The spire of St. Patrick's is a striking feature in the picture of the city, as seen from the river approach. There are 40, or more, churches in New Orleans, about one-third of which are Roman Catholic. The most numerous of the Protestant denominations is the Episcopal—at least in church edifices.

The Custom House is, after the Capitol at Washington, the largest building in the United States. It covers an area of 87,333 superficial feet, having a front on Canal street of 334 feet, on Custom House street of 252 feet, on the New Levee of 310 feet, and on the Old Levee of 297 feet. Its height is 82 feet. The chief business apartment is 116 long by 90 broad, and has no less than 50 windows. There is, luckily, no window-tax, though, in the United States. This grand edifice is built of granite, from the Quincy quarries of Massachusetts.

The United States Branch Mint is a noble structure at the corner of Esplanade and New Levee streets. It is three stories high, 282 feet in length, and 108 feet deep. It has, besides, two wings, each 81 feet long.

The Municipal Hall is a Grecian building of marble. It is at the corner

of St. Charles and Hevia streets, opposite Lafayette Square.

The Odd Fellows' Hall is a large edifice, opposite Lafayette Square, on Camp street; built, 1852.

The Merchants' Exchange is on Royal near Canal street. *The City Post Office* is in the Exchange, also the Merchants' Reading Room.

The Streets of New Orleans are wide, well paved, and are regularly laid out, usually intersecting each other at right angles. The broadest is Canal street, with a width of 190½ feet, with a grass plot, 25 feet wide, extending in the centre through its whole length. The houses are built chiefly of brick, and are usually five or six stories high. The private dwellings in the suburbs are many of them very charming places, buried in the grateful shadow of tropical leaves—the magnolia, lemon, myrtle, and orange-tree.

Jackson Square, formerly Place d'Armes, covers the centre of the river-front of the Old Town Plot, now the First District. It is a place of favorite resort. Its shell-strewn paths, its beautiful trees and shrubbery, and its statuary, are all agreeable pleasures to enjoy.

Lafayette Square, in the Second District, is another elegant public park, superbly adorned with fine shade trees and shrubbery.

Congo Square is in the rear of the city. Like the other public grounds, it is a delightful place to lounge away a summer evening.

Literary and Charitable Institutions.—*The University of Louisiana* is on Common street, between Baronne and St. Phillipi streets, occupying the whole front of the block. It has a prosperous *Law School* and a *Medical School*. This University was organized in 1849. The Medical College, which stands in the centre of the block, has a façade of 100 feet. This department was established in 1835. It has a large Anatomical Museum and extensive and valuable collections of many kinds. The State made an appropriation of \$25,000 towards the purchase of apparatus,

drawings, plates, etc., illustrative of the various branches of medical study.

The Charity Hospital (in which the medical students of the University enjoy great facilities for practice) is situated on Common street, between St. Mary's and Gironde street. It is a splendid edifice, three stories high and 290 feet in length, surmounted by a cupola, and enclosed in grounds elegantly embellished.

The United States Naval Hospital is on the opposite side of the river, a little way above Algiers.

Newspapers.—Over 20 newspapers are published in New Orleans, half of which are dailies of deservedly high repute, at home and abroad. Several of them are printed in the French language. The *New Orleans Picayune* is famous the world over. *De Bow's Review*, a commercial journal of distinguished ability, is published here.

Water and Gas Works.—The city is supplied with water from the river, raised by steam to an elevated reservoir, and thence distributed through the streets. Some six millions of gallons are used daily. Gas was introduced in 1834—water the same year.

Cemeteries.—Some of these homes of the dead in New Orleans are deserving of particular notice, both from their unique arrangement and for the peculiar modes of interment. Each is enclosed with a brick wall of arched cavities (or ovens, as they are called here), made just large enough to admit a single coffin, and raised, tier upon tier, to a height of about twelve feet, with a thickness of ten. The whole enclosure is divided into plots, with gravel paths intersecting each other at right angles, and is densely covered with tombs, built wholly above ground, and from one to three stories high. This method of sepulture is adopted from necessity, and burial *under ground* is never attempted, excepting in the *Potter's Field*, where the stranger without friends, and the poor without money, find an uncertain rest: the water with which the soil is always saturated, often lifting the coffin and its contents out of its narrow and

shallow cell, to rot with no other covering than the arch of heaven.

New Orleans was named in honor of the Duke of Orleans, Regent of France, during the minority of Louis XV. It was the place selected for the seat of the monarchy meditated in the treason of Aaron Burr. Great was the alarm of the citizens in January, 1804, at that prospective insurrection.

The Battle of New Orleans.—This memorable battle-ground lies about four miles from the St. Charles Hotel. It is washed by the waters of the great Mississippi, and surrounded by cypress-swamps and cane-brakes. The action took place January 8th, 1815, between the British troops, under General Pakenham, and the Americans, under Jackson, the former suffering a signal defeat. Pakenham was approaching the city by the way of Lakes Borgne and Pontchartrain, at the time of this terrible repulse. His loss in killed and wounded was nearly 3,000, while the Americans had but 7 men killed and 6 wounded. Jackson's troops fought securely and effectively behind improvised entrenchments of cotton-bags, while the enemy was, unluckily for himself, unsheltered and defenceless in the open marshy field. This engagement occurred after the signing of the treaty of peace, but, of course, before intelligence of that event had reached the country.

"Next morning, at daylight," says a traveller, of his approach to New Orleans from Mobile, "we found ourselves in Louisiana. We had already entered the large lagoon, called Lake Pontchartrain, by a narrow passage, and, having skirted its southern shore, had reached a point six miles north of New Orleans. Here we disembarked, and entered the cars of a railway built on piles, which conveyed us in less than an hour to the great city, passing over swamps in which the tall cypress, hung with Spanish moss, was flourishing, and below it numerous shrubs just bursting into leaf. In many gardens of the suburbs, the almond and peach trees were in full blossom. In some places the blue-leaved palmetto, and the leaves

New Orleans: The Vicinage—The Carnival—The Creoles.

of a species of iris (*Iris cuprea*), were very abundant. We saw a tavern called the "Elysian Fields Coffee House," and some others with French inscriptions. There were also many houses with porte-cochères, high roofs, and vóllets, and many lamps suspended from ropes attached to tall posts on each side of the road, as in the French capital. We might, indeed, have fancied that we were approaching Paris, but for the negroes and mulattoes, and the large verandahs reminding us that the windows required protection from the sun's heat.

"It was a pleasure to hear the French language spoken, and to have our thoughts recalled to the most civilized parts of Europe, by the aspect of a city forming so great a contrast to the innumerable new towns we had lately beheld."

As the account is graphic, and the estimate, too, of an accomplished stranger, we will continue our extracts at length from the journal of our visitor just quoted.* He thus mentions the *fête* of

The Carnival of New Orleans.—

From the time we landed in New England to this hour, we seemed to have been in a country where all, whether rich or poor, were laboring from morning till night, without ever indulging in a holiday. I had sometimes thought that the national motto should be, "All work and no play." It was quite a novelty and a refreshing sight to see a whole population giving up their minds for a short season to amusement. There was a grand procession parading the streets, almost every one dressed in the most grotesque attire, troops of them on horseback, some in open carriages, with bands of music, and in a variety of costumes—some as Indians, with feathers in their heads, and one, a jolly fat man, as Mardi Gras himself. All wore masks, and here and there in the crowd, or stationed in a balcony above, we saw persons armed with bags of flour, which they showered down copi-

ously on any one who seemed particularly proud of his attire. The strangeness of the scene was not a little heightened by the blending of negroes, quadroons, and mulattoes in the crowd; and we were amused by observing the ludicrous surprise, mixed with contempt, of several unmasked, stiff, grave Anglo-Americans from the North, who were witnessing, for the first time, what seemed to them so much mummery and tom-foolery. One wagoner, coming out of a cross street, in his working dress, drove his team of horses and vehicle, heavily laden with cotton bales, right through the procession, causing a long interruption. The crowd seemed determined to allow nothing to disturb their good humor; but although many of the wealthy Protestant citizens take part in the ceremony, this rude intrusion struck me as a kind of foreshadowing of coming events, emblematic of the violent shock which the invasion of the Anglo-Americans is about to give to the old *régime* of Louisiana. A gentleman told me that, being last year in Rome, he had not seen so many masks at the Carnival there; and, in spite of the increase of Protestants, he thought there had been quite as much "flour and fun" this year as usual. The proportion, however, of strict Romanists is not so great as formerly, and to-morrow, they say, when Lent begins, there will be an end of the trade in masks; yet the butchers will sell nearly as much meat as ever. During the Carnival, the greater part of the French population keep open houses, especially in the country.

The Creoles.—Of this class of the population of the city, our traveller says, apropos of a visit to the French Opera:—"The French Creole ladies, many of them descended from Norman ancestors, and of pure, unmixed blood, are very handsome. They were attired in Parisian fashion, not over-dressed, usually not so thin as are the generality of American women—their luxuriant hair, tastefully arranged, fastened with ornamental pins, and adorned with a colored ribbon or a single flower."

* Second Visit to the United States, by Sir Charles Lyell.

The word Creole is used in Louisiana to express a native-born American, whether black or white, descended from old-world parents, for they would not call the aboriginal Indians creoles. It never means persons of mixed breed; and the French or Spanish creoles here would shrink as much as a New Englander from intermarriage with one *tainted*, in the slightest degree, with African blood. The frequent alliances of the creoles, or Louisianians, of French extraction, with lawyers and merchants from the Northern States, help to cement the ties which are every day binding more firmly together the distant parts of the Union. Both races may be improved by such connection, for the manners of the creole ladies are, for the most part, more refined; and many a Louisianian might justly have felt indignant if he could have overheard a conceited young bachelor from the North telling me "how much they were preferred by the fair sex to the hard-drinking, gambling, horse-racing, cock-fighting, and tobacco-chewing Southerners." If the creoles have less depth of character, and are less striving and ambitious than the New Englanders, it must be no slight source of happiness to the former to be so content with present advantages. They seem to feel, far more than the Anglo-Saxons, that if riches be worth the winning, they are also worth enjoying.

The quadroons, or the offspring of the whites and mulattoes, sat in an upper tier of boxes appropriated to them. When they are rich, they hold a peculiar and very equivocal position in society. As children they have often been sent to Paris for their education, and, being as capable of improvement as any whites, return with refined manners, and not unfrequently with more cultivated minds than the majority of those from whose society they are shut out. By the tyranny of caste, they are driven, therefore, to form among themselves a select and exclusive set. Among other stories, illustrating their social relation to the whites, we are told, that a young man of the dominant race fell

in love with a beautiful quadroon girl, who was so light colored as to be scarcely distinguishable from one of pure breed. He found that, in order to render the marriage legal, he was required to swear that he himself had negro blood in his veins; and, that he might conscientiously take the oath, he let some of the blood of his betrothed into his veins with a lancet. The romance of this tale was, however, greatly diminished, although I fear that my inclination to believe in its truth was equally enhanced, when the additional circumstance was related, that the young lady was rich.

Markets. One morning we rose early to visit the market of the First Municipality, and found the air on the bank of the Mississippi filled with mist as dense as a London fog, but of a pure white instead of yellow color. Through this atmosphere the innumerable masts of the ships alongside the wharf were dimly seen. Among other fruits in the market we observed abundance of bananas, and good pine-apples, for 25 cents (or a shilling) each, from the West Indies. There were stalls where hot coffee was selling, in white china cups, reminding us of Paris. Among other articles exposed for sale were brooms made of palmetto leaves, and wagon loads of the dried Spanish moss, or *Tillandsia*. The quantity of this plant hanging from the trees in the swamps surrounding New Orleans, and every where on the Delta of the Mississippi, might suffice to stuff all the mattresses in the world. The Indians formerly used it for another purpose—to give porosity or lightness to their building materials. When at Natchez, Dr. Dickeson showed me some bricks dug out of an old Indian mound, in which the tough woody fibre of the *Tillandsia* was still preserved. When passing through the stalls, we were surrounded by a population of negroes, mulattoes, and quadroons, some talking French, others a patois of Spanish and French, others a mixture of French and English, or English translated from French, and with the French accent. They seemed very merry, es-

New Orleans: The Markets—The Levee—Panorama of the City.

pecially those who were jet-black. Some of the creoles also, both of French and Spanish extraction, like many natives of the south of Europe, were very dark.

Amid this motley group, sprung from so many races, we encountered a young man and woman, arm-in-arm, of fair complexion, evidently Anglo-Saxon, and who looked as if they had recently come from the North. The Indians, Spaniards, and French standing round them, seemed as if placed there to remind us of the successive races whose power in Louisiana had passed away, while this fair couple were the representatives of a people, whose dominion carries the imagination far into the future. However much the moralist may satirize the spirit of conquest, or the foreigner laugh at some of the vain-glorious boasting about "destiny," none can doubt that from this stock is to spring the people who will supersede every other in the northern, if not also in the southern continent of America—

—————"Immota manebunt,
Fata tibi
Romanos rerum dominos."

The Levee. Soon after our arrival we walked to the Levee or raised bank of the Mississippi, and ascending to the top of the high roof of a large steamer, looked down upon the yellow muddy stream, not much broader than the Thames at London. At first we were disappointed that the "Father of waters" did not present a more imposing aspect; but when we had studied and contemplated the Mississippi for many weeks, it left on our mind an impression of grandeur and vastness, far greater than we had conceived before seeing it.

Panorama of the City. We went next, for the sake of obtaining a general view of the city and its environs, to the top of the cupola of the St. Charles Hotel. If the traveller has expected, on first obtaining an extensive view of the environs of this city, to see an unsightly swamp, with scarcely any objects to relieve the monotony of the flat plain, save the winding river and a few lakes, he will be agreeably disap-

pointed. He will admire many a villa and garden in the suburbs, and in the uncultivated space beyond, the effect of uneven and undulating ground is produced by the magnificent growth of cypress and other swamp timber, which have converted what would otherwise have formed the lowest points in the landscape into the appearance of wooded eminences. From the gallery of the cupola we saw the well-proportioned, massive square tower of St. Patrick's Church, recently built for the Irish Catholics, the dome of St. Louis Hotel, and immediately below us that fine bend of the Mississippi, where we had just counted the steamers at the wharf. Here, in a convex curve of the bank, there has been a constant gain of land, so that in the last twenty-five years no less than three streets have been erected, one beyond the other, and all within the line of several large posts of cedar, to which boats were formerly attached. New Orleans was called the Crescent City, because the First Municipality was built along this concave bend of the Mississippi. The river in this part of its course varies in breadth from a mile to three quarters of a mile, and below the city sweeps round a curve for 18 miles, and then returns again to a point within five or six miles of that from which it had set out. Some engineers are of opinion that, as the isthmus thus formed is only occupied by a low marsh, the current will in time cut through it, in which case, the First Municipality will be deserted by the main channel. Even should this happen, the prosperity of a city, which extends continuously for more than six miles along the river, would not be materially affected, for its site has been admirably chosen, although originally determined, in some degree, by chance. The French began their settlements on Lake Pontchartrain, because they found there an easy communication with the Gulf of Mexico. But they fixed the site of their town on that part of the great river which was nearest to the lagoon, so as to command, by this means, the navigation of the interior country.

New Orleans: Père Antoine's Date Palm—Baton Rouge—The Mississippi.

Pere Antoine's Date Palm. Walking through one of the streets of New Orleans, near the river, immediately north of the Catholic Cathedral, we were surprised to see a fine date palm, 30 feet high, growing in the open air. The tree is seventy or eighty years old, for Père Antoine, a Roman Catholic Priest, who died about twenty years ago, at the age of eighty, told Mr. Brinquier that he planted it himself when he was young. In his will he provided that they who succeeded to this lot of ground should forfeit it if they cut down the palm. Wishing to know something of Père Antoine's history, we asked a Catholic creole, who had a great veneration for him, when he died. He said it could never be ascertained, because, after he became very emaciated, he walked the streets like a mummy, and gradually dried up, ceasing at last to move; but his flesh never decayed, or emitted any disagreeable odor.

If the people here wish to adorn their metropolis with a striking ornament, such as the northern cities can never emulate, let them plant in one of their public squares an avenue of these date palms.

Baton Rouge, the Capital of Louisiana, is upon the Mississippi, 129 miles above New Orleans. It is built upon the first of the famous bluffs of the Great River seen in ascending its waters. It is thought to be one of the most healthy places in this part of the country. Besides the State Capital, the city contains a College and a United States Arsenal and Barracks. The name of Baton Rouge is said to have come thus: When the place was first settled, there was growing on the spot a cypress (a tree of a reddish bark) of immense size and great height, denuded of branches. One of the settlers playfully remarked that it would make a handsome cane. From this small jest grew Baton Rouge (red cane).

The Home of Zachary Taylor. Baton Rouge is interesting as having been the home of the military hero, and President of the United States, General Taylor.

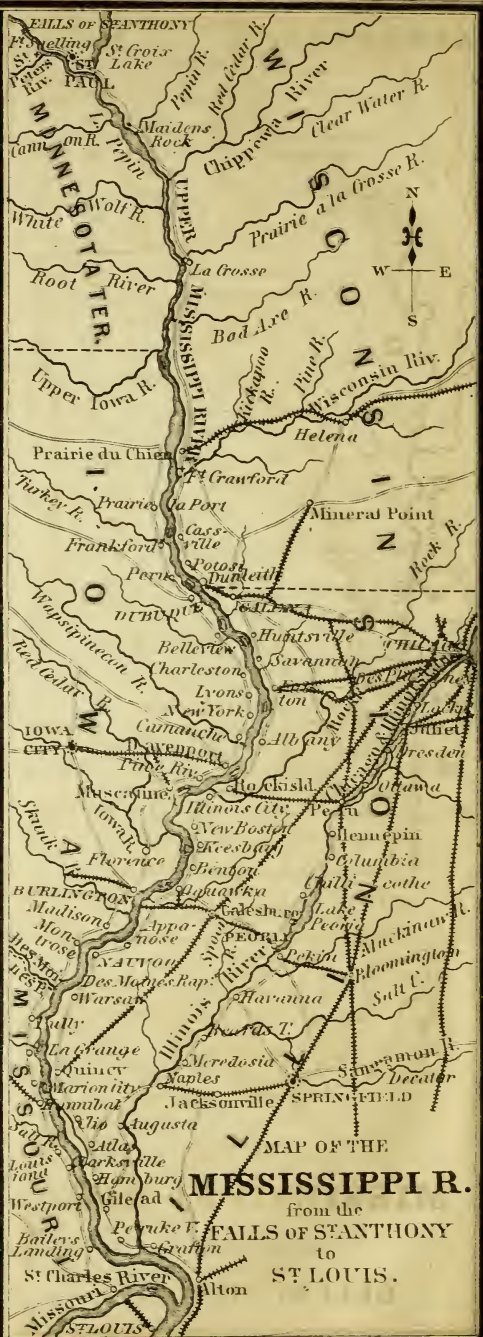
THE MISSISSIPPI.

This mighty river was discovered in 1672, yet its true source was not fully determined until its exploration by Schoolcraft, who, in 1832, found that it took its rise in the small lake called Itasca, situated in 47° 10' N. lat., and 94° 54' W. long. from Greenwich. This lake, called by the French *Lac la Biche*, is a beautiful sheet of water, of an irregular shape, about eight miles in length, situated among hills covered with pine forests, and fed chiefly by springs. It is elevated above 1,500 feet above the ocean, and is at a distance of more than 3,000 miles from the Gulf of Mexico.

The river drains an extent of territory which, for fertility and vastness, is unequalled upon the globe. This territory, termed the "Mississippi Valley," extends from the sources of the Mississippi in the north, to the Gulf of Mexico in the south, and from the Alleghany mountains on the east to the Rocky mountains on the west. Or, to give its outline more definitely, we will take a position on the Gulf of Mexico, where it empties its accumulated waters, and run a line north-westward to the Rocky Mountains, from whence issue the sources of the Arkansas, Platte, and other smaller streams; from this point, along the Rocky Mountains, to the sources of the Yellowstone and Missouri rivers; around the northern sources of the latter river to the head-quarters of Red River, a branch of the Assinoboin; around the sources of the Mississippi proper, to the head-quarters of the Wisconsin and Illinois rivers; between the confluents of the lakes, and those of the Ohio, to the extreme source of the Alleghany river, along the dividing line between the sources of streams flowing into the Ohio river, and those flowing towards the Atlantic; between the confluents of the Tennessee, and those streams emptying into Mobile bay; between the sources discharged into the Mississippi, and those into the Tombigby and Pearl rivers; to the mouth of the Mississippi, and from its mouth, to the outlet of the Atchafalaya. The

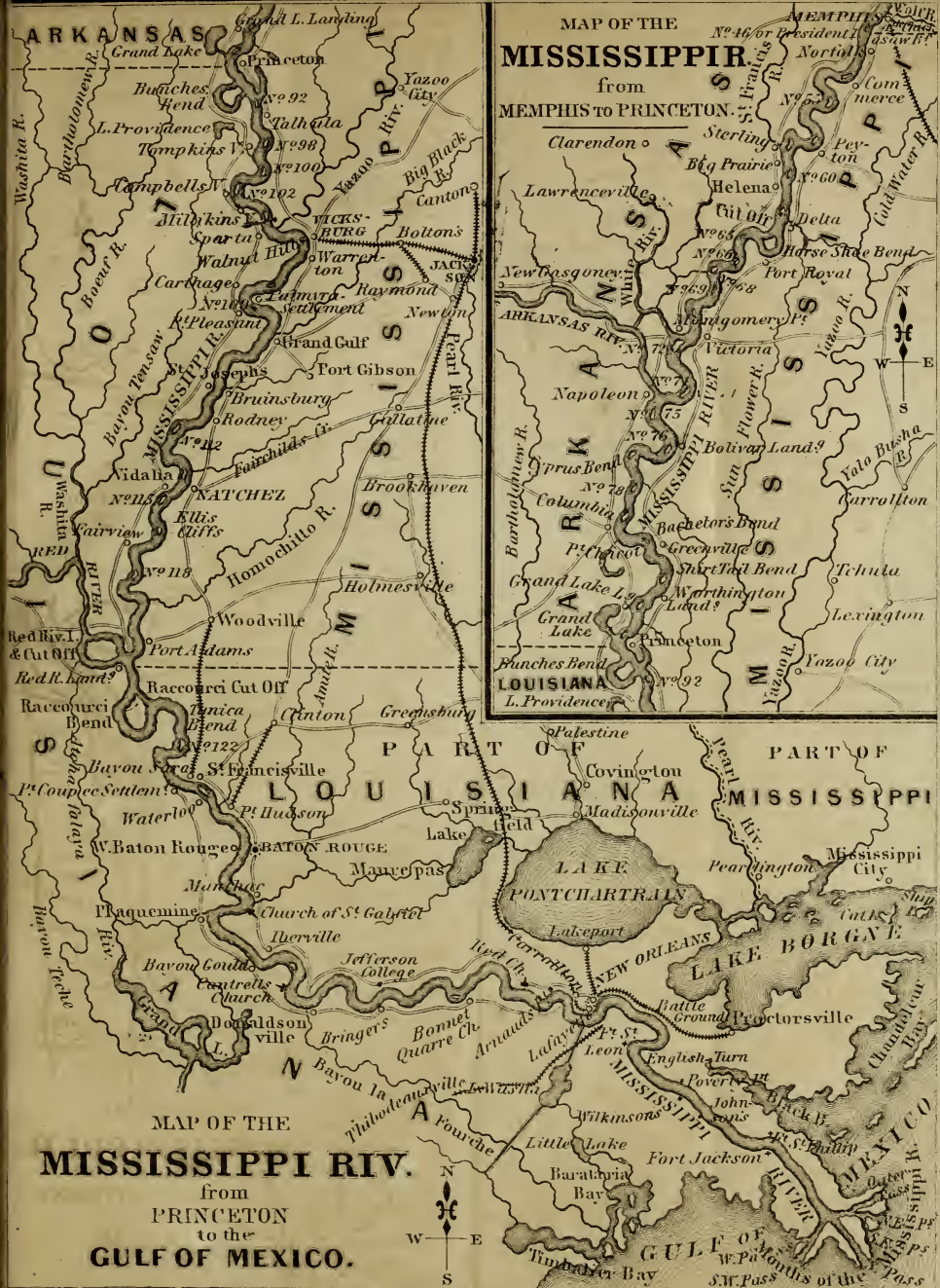


MAP OF THE
MISSISSIPPI R.
from
ST. LOUIS
TO MEMPHIS.



MAP OF THE
MISSISSIPPI R.
from the
FALLS OF ST. ANTHONY
to
ST. LOUIS.

Revised according to Act of Congress in the year 1899 by W. Williams in the Census Office of the District Court of the Eastern District of Louisiana.





The Mississippi River.

whole presenting an outline of more than 6,000 miles, or an area of about 1,210,000 square miles. The Mississippi river is navigable for steamboats, with but partial interruption, as far north as the Falls of St. Anthony, a distance of 2,037 miles; its course, however, is extremely crooked, and not unfrequently a bend occurs from 20 to 30 miles round, while the distance across is not more than a mile or two. In some instances, however, these distances have been shortened, by what is termed "cut-offs," which are made by opening a narrow channel across the neck of a bend, when, on admitting the water, the current, running with such velocity, soon forces a channel both wide and deep enough for the largest steamboats to go through. The navigation is frequently rendered dangerous, owing to the mighty volume of water washing away from some projecting point large masses of earth, with its huge trees, which are carried down the stream. Others, again, are often imbedded in the mud, with their tops rising above the water, and not unusually causing the destruction of many a fine craft. These are called, in the phrase of the country, "snags" and "sawyers." The *whirls*, or *eddies*, caused by the striking peculiarities of the river in the uniformity of its meanders, are termed "points" and "bends," which have the precision, in many instances, as though they had been struck by the sweep of a compass. These are so regular, that the flat-boatmen frequently calculate distances by them; instead of the number of miles, they estimate their progress by the number of bends they have passed.

A short distance from its source, the Mississippi becomes a tolerably sized stream; below the Falls of St. Anthony it is half a mile wide, and below the Des Moines rapids it assumes a medial width and character to the mouth of the Missouri. About 15 miles below the mouth of the St. Croix river, the Mississippi expands into a beautiful sheet of water, called *Lake Pepin*, which is 24 miles long, and from two to four miles broad.

The islands, which are numerous, and many of them large, have, during the summer season, an aspect of great beauty, possessing a grandeur of vegetation which contributes much to the magnificence of the river. The numerous sand-bars are the resort, during the season, of innumerable swans, geese, and water fowl. The Upper Mississippi is a beautiful river, more so than the Ohio; its current is more gentle, its water clearer, and it is a third wider. In general it is a mile wide, yet for some distance before commingling its waters with the Missouri it has a much greater width. At the junction of the two streams it is a mile and a half wide. The united stream, flowing from thence to the mouth of the Ohio, has an average width of little more than three quarters of a mile. On its uniting with the Missouri it loses its distinctive character; it is no longer the gentle, placid stream, with smooth shores and clean sand-bars, but has a furious and boiling current, a turbid and dangerous mass of waters, with jagged and dilapidated shores. Its character of calm magnificence, that so delighted the eye above, is seen no more.

A little below 39°, on the west side, comes in the mighty Missouri, which, being longer, and carrying a greater body of water than the Mississippi, and imparting its own character to the united stream below, some have thought, ought to have given its name to the river from the junction. Between 36° and 37°, on the east side, comes in the magnificent Ohio, called by the French, on its first discovery, *La Belle Riviere*; for a hundred miles above the junction it is as wide as the parent stream.

"No person who descends the Mississippi river for the first time, receives clear and adequate ideas of its grandeur, and the amount of water it carries. If it be in the spring of the year, when the river, below the mouth of the Ohio, is generally over its banks, although the sheet of water that is making its way to the Gulf is, perhaps, 30 miles wide, yet, finding its way through deep forests and swamps, that conceal

The Mississippi River—Distances.

all from the eye, no expanse of water is seen but the width that is curved out between the outline of woods on either bank, and it seldom exceeds, and often-er falls short of a mile. But when he sees, in descending from the Falls of St. Anthony, that it swallows up one river after another, with mouths as wide as itself, without affecting its width at all; when he sees it receiving, in succession, the mighty Missouri, the broad Ohio, St. Francis, White, Arkansas, and Red Rivers, all of them of great depth, length, and volume of water; when he sees this mighty river absorbing them all, and retaining a volume apparently unchanged, he begins to estimate right-ly the increasing depths of current that must roll on in its deep channel to the sea. Carried out of the Balize, and sailing with a good breeze for hours, he sees nothing on any side but the white and turbid waters of the Mississippi, long after he is out of sight of land."

TABLE OF THE PLACES ON THE MISSISSIPPI RIVER, WITH THEIR INTERMEDIATE AND GENERAL DISTANCES:

Distances from the Falls of St. Anthony to St. Louis.

To Fort Snelling, Min. }	7	
St. Peter's River, }		
St. PAUL.....	5	12
Lake Pepin, and }		
Maiden's Rock, }	60	72
Chippewa River.....	25	97
La Crosse.....	89	186
Root River.....	5	191
Bad Axe River.....	20	211
Upper Iowa River.....	9	220
Prairie du Chien.....	56	276
Fort Crawford.....	2	278
Wisconsin River.....	2	280
Prairie la Port.....	20	300
Cassville.....	10	310
Peru.....	20	330
DUBUQUE.....	8	338
Fever River.....	17	355
GALENA, Ill., 7 miles }		
up Fever River. }		
Belleview, Iowa.....	7	362
Savannah, Ill.....	19	381
Charleston, Iowa.....	2	383
Lyons, Iowa.....	15	393
New York, Iowa.....	5	403
Camanche, Iowa.....	7	410
Albany, Ill.....	8	413
Parkhurst, Iowa.....	19	437
Davenport, Iowa, and }		
Rock Island, }	13	440
Bloomington, Iowa.....	31	471
New Boston, Ill.....	26	497

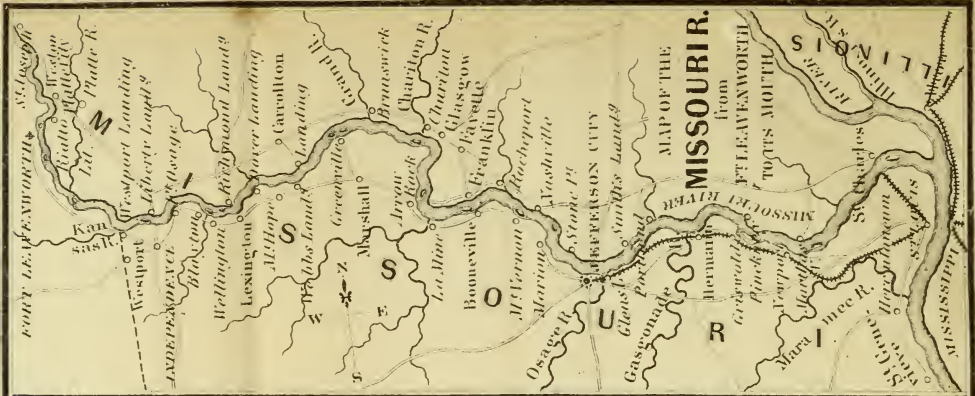
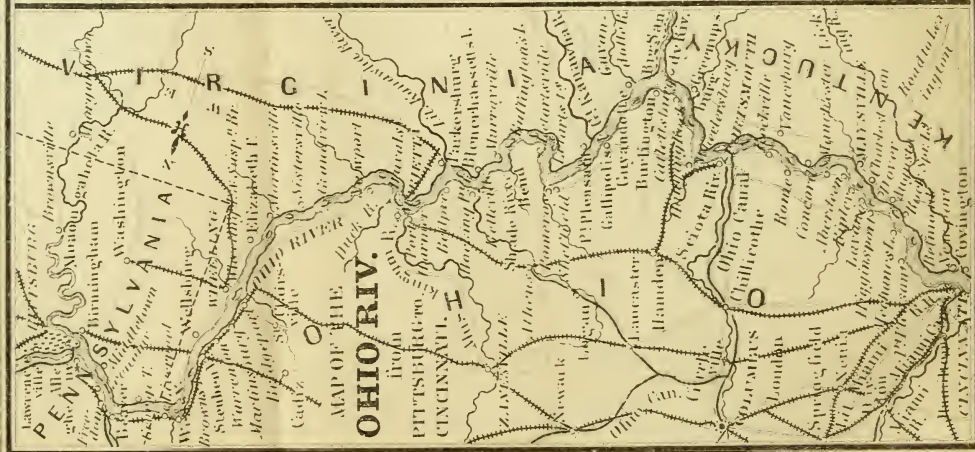
To Iowa River.....	1	493
Oquawke, Ill.....	20	513
BURLINGTON, Io.....	15	533
Skunk River, Io.....	7	540
Madison, Io.....	16	556
Montrose, Io., and }		
NAUVOO, Ill. }	10	566
Keokuck.....	12	578
Des Moines River, and }		
Warsaw, Ill. }	4	582
Tully, Mo.....	18	600
La Grange, Mo.....	8	608
Quincy, Ill.....	12	620
Marion City, Mo.....	8	628
Hannibal, Mo.....	11	639
Louisiana, Mo.....	27	666
Clarksville, Mo.....	13	679
Hamburg, Ill.....	13	692
Westport, Mo.....	14	706
Gilead, Ill.....	15	721
Bailey's Landing, Mo.....	3	734
Illinois River, Ill.....	15	749
Grafton, Ill.....	2	751
Alton, Ill.....	18	769
Missouri River, Mo.....	5	774
St. LOUIS, Mo.....	18	792

Distances from St. Louis, Mo., to Cairo, and Mouth of Ohio River.

To Cahokia, Ill.....	3	
Carondelet, or Vide }		
Pouche, Mo. }	4	7
Jefferson Barracks, Mo.....	2	9
Harrison, Ill.....	20	29
Herculaneum, Mo.....	2	31
Selma.....	4	35
Fort Chartres Island.....	15	50
St. Genevieve, Mo.....	11	61
Kaskaskia River, Ill.....	14	75
Chester, Ill.....	1	76
Lacourse's Island.....	14	90
Devil's Bake-oven, and }		
Grand Tower, }	15	105
Bainbridge, Mo.....	17	122
Devil's Island.....	8	130
Cape Girardien, Mo.....	6	136
Commerce.....	12	143
Dog-tooth Island.....	11	159
Elk Island.....	8	167
CAIRO, Ill., AND MOUTH }		
OF OHIO RIVER, }	8	175

Distances from the Mouth of the Ohio River to New Orleans.

To Island No. 1.....	6	
Columbus, Ky.....	12	18
Wolf's Island, or No. 5.....	1	19
Hickman, Ky.....	18	37
New Madrid, Mo.....	42	79
Point Pleasant, Mo.....	7	86
Little Prairie, Mo.....	27	113
Needham's Island, and Cut-off.....	25	133
Bearfield Landing, Ark.....	3	141
Ashport, Tenn.....	5	146
Osceola, Ark.....	12	153
Plum Point.....	3	161
1st Chickasaw Bluff.....	5	166
Fulton, Tenn.....	2	163
Randolph, Tenn., and }		
2d Chickasaw Bluff, }	10	173



Map of the Ohio River from Cincinnati to Cairo, showing the river's course through Kentucky and Tennessee, with major cities like Cincinnati, Louisville, and Nashville marked.

The Ohio River.

To 3d Chickasaw Bluff.....	17	195
Greenock, Ark.....	30	225
Wolf River, Tenn. }	20	245
MEMPHIS, Tenn. }		
Norfolk, Miss.....	10	255
Commerce, Miss.....	17	272
Peyton, Miss.....	31	303
St. Francis River, and }	13	316
Sterling, Ark.....	10	326
Helena, Ark.....	10	336
Yazoo Pass, or Bayou, }	10	344
and Delta, Miss }		
Horse-shoe Bend.....	8	344
Montgomery's Pt., Ark. }	53	402
Victoria, Miss. }		
White River, Ark.....	4	406
Arkansas River, }	16	422
Napoleon, Ark. }		
Bolivar Landing.....	13	435
Columbia, Ark.....	53	488
Point Chicot.....	4	492
Greenville, Miss.....	4	496
Grand Lake Landing, Ark.....	40	536
Princeton, Miss.....	5	541
Bunches Bend and Cut-off.....	10	551
Lake Providence, La.....	19	570
Tompkinsville, La.....	15	585
Campbellsville, La.....	16	601
Millikinsville, La.....	10	611
Yazoo River, Miss., and }	8	619
Sparta, La. }		
Walnut Hills, Miss.....	10	629
VICKSBURG, Miss.....	2	631
Warrenton, Miss.....	10	641
Palmyra Sett, Miss.....	15	656
Carthage Landing, La.....	4	660
Point Pleasant, La.....	10	670
Big Black River.....	14	684
Grand Gulf, Miss.....	2	686
St. Joseph's La., and }	10	696
Bruinsburg, Miss. }		
Rodney, Miss.....	10	706
NATCHEZ, Miss.....	41	747
Ellis Cliff, Miss.....	18	765
Homochitto River, Miss.....	26	791
Fort Adams.....	10	801
Red River Island, and Cut-off.....	11	812
Raccourci Cut-off and Bend.....	10	822
Bayou Sara, St. Francisville, }	30	852
and Pt. Coupee, La. }		
Waterloo, La.....	6	858
Pt. Hudson, La.....	5	863
BATON ROUGE, La.....	25	883
Plaquemine, La.....	23	911
Bayou la Fourche, and }	34	945
Donaldsonville, La. }		
Jefferson College.....	16	961
Bonnet Quarre Ch.....	24	985
Red Church, La.....	16	1001
Carrolton, La.....	19	1020
Lafayette, La.....	4	1024
NEW ORLEANS, La.....	2	1026

THE OHIO RIVER

Is formed by the junction of the Alleghany and Monongahela, the former being navigable for keel-boats as far as Olean, in the State of New York, a dis-

tance of about 250 miles; the latter is navigable for steamboats to Brownsville, 60 miles, and by keel-boats upwards of 175 miles. At Pittsburg commences the Ohio, and after running a course of about a thousand miles, unites its waters with those of the Mississippi. No other river of the same length has such a uniform, smooth, and placid current. Its average width is about 2,400 feet, and the descent, in its whole course, is about 400 feet. At Pittsburg it is elevated about 1,150 feet above the ocean. It has no fall, except a rocky rapid of $22\frac{1}{2}$ feet descent at Louisville, around which is a canal $2\frac{1}{2}$ miles long, with locks sufficiently capacious to admit large steamboats, though not of the largest class. During half the year this river has a depth of water allowing of navigation by steamboats of the first class through its whole course. It is, however, subject to extreme elevations and depressions. The average range between high and low water is probably 50 feet. Its lowest stage is in September, and its highest in March. It has been known to rise 12 feet in a night. Various estimates have been made of the rapidity of its current, but owing to its continually varying, it would be difficult to assign any very exact estimate. It has been found, however, according to the different stages of the water, to vary between one and three miles; in its lowest, however, which is in the autumn, a floating substance would probably not advance a mile an hour.

Between Pittsburg and its mouth it is diversified by many considerable islands, some of which are of exquisite beauty; besides a number of tow-heads and sand-bars, which in low stages of the water greatly impede the navigation. The passages between some of the islands and the sand-bars at their head, are among the difficulties of the navigation of the Ohio.

In the infancy of the country, every species of water craft was employed in navigating this river, some of which were of the most whimsical and amusing description. The barge, the keel-boat,

The Ohio—Distances.

the Kentucky-flat or family-boat, the pirogue, ferry-boats, gondolas, skiffs, dug-outs, and many others, formerly floated in great numbers down the currents of the Ohio and Mississippi Rivers to their points of destination, at distances sometimes of three thousand miles.

"Whoever has descended this noble river in the spring, when its banks are full, and the beautiful red-bud and *Cornus Florida* deck the declivities of the bluffs, which sometimes rise 300 feet in height, impend over the river, and cast their grand shadows into the transparent waters, and are seen at intervals in its luxuriant bottoms, while the towering sycamore throws its venerable and majestic arms, decked with rich foliage, over the other trees—will readily acknowledge the appropriateness of the French name, '*La Belle Riviere.*'"

TABLE OF PLACES ON THE OHIO, FROM PITTSBURG TO CINCINNATI, WITH THEIR INTERMEDIATE AND GENERAL DISTANCES :

To Middletown, Pa.....	11	
Economy, Pa.....	8	19
Freedom, Pa.....	6	25
Beaver, Pa.....	5	30
Georgetown, Pa.....	14	44
Liverpool, Ohio.....	4	48
Wellsville, Ohio.....	4	52
Steubenville, Ohio.....	19	71
Wellsburg, Va.....	7	78
Warrenton, Ohio.....	7	85
Martinsville, Ohio.....	8	93
WHEELING, Va.....	1	94
Bridgeport, Ohio }		
Elizabethtown, Va. }	13	107
Big Grave Creek, Va. }		
New Martinsville, Va.....	10	117
Sistersville, Va.....	29	146
Newport, Ohio.....	12	158
MARIETTA, and }		
Pt. Harmer, O. }	13	176
Vienna, Va.....	6	182
Parkersburg, Va. }	6	183
Belpre, Ohio }		
Blennerhasset's Island.....	2	190
Hockingsport, Ohio.....	11	201
Bellville, Va.....	4	205
Murraysville, Va.....	5	210
Shade River, Ohio.....	1	211
Ravenswood, Va.....	11	222
Letartsville, Ohio.....	22	241
Pomeroy.....	14	253
Coalport, Ohio }		
Sheffield, Ohio }	1	259
Point Pleasant, Va. }		
Gt. Kenawha River, Va. }	12	271
Gallipolis, O.....	4	275

To Millersport, O.....	24	299
Guyandotte, Va. }		
Proctorsville, O. }	13	312
Burlington, O.....	8	320
Big Sandy River, Va. }		
Cattlettsburg, Va. }	4	324
Hanging Rock, O.....	13	337
Greenupsburg, Ky.....	6	343
Wheelersburg, O.....	8	351
PORTSMOUTH, O. }		
Scioto River, O. }	12	363
Rockville, O.....	16	379
Vanceburg, Ky.....	3	381
Rome, O.....	7	389
Concord, Ky.....	6	395
Manchester, O.....	7	402
MAYSVILLE, Ky. }		
Aberdeen, O. }	12	414
Charleston, Ky.....	7	421
Ripley, O.....	2	423
Higginsport, O.....	7	430
Augusta, Ky.....	4	434
Mechanicsburg, Ky.....	7	441
Neville, O.....	3	444
Moscow.....	4	443
Pt. Pleasant, O. }		
Belmont, Ky. }	4	452
New Richmond.....	5	457
Little Miami River, O.....	14	471
Columbia.....		
Jamestown, Ky. }	1	472
CINCINNATI, O. }		
Newport & Covington, Ky. }	5	477

Distances from Cincinnati to the mouth of the Ohio.

To North Bend, O.....	16	
Great Miami River, O.....	4	20
Lawrence, Ia.....	2	22
Petersburg, Ky.....	3	25
Aurora, Ia.....	2	27
Bellevue, Ky.....	6	33
Rising Sun, Ia.....	3	36
Big Bone Lick Creek, }		
Hamilton, Ky. }	12	43
Patriot, Ia.....	2	50
Warsaw, Ky.....	10	60
Vevay, Ia.....	10	70
Kentucky River.....	10	80
Madison, Ia.....	12	92
Hanover Landing, Ia.....	6	93
New London, Ia.....	4	102
Westport, Ky.....	6	103
Utica, Ia.....	15	123
Jeffersonville, Ky.....	9	132
LOUISVILLE, Ky.....	1	133
and from Pittsburg.....	610	
Shippingsport, Ky.....	2	135
Portland, Ky. }		
New Albany, Ia. }	1	136
Salt River and }		
West Point, Ky. }	18	154
Brandenburg, Ky.....	18	172
Mockport, Ia.....	3	175
Northampton, Ia.....	7	182
Amsterdam, Ia.....	3	185
Leavensworth, Ia.....	8	193
Fredonia, Ia.....	5	193
Alton, Ia.....	13	211

Historical Mention—Battle-Fields.

To Concordia, Ky.....	10	221	To Cumberland River and } Smithland, Ky. }	17	462
Rome, Ia., and } Stevensport, Ky. }	11	232	Tennessee River and } Paducah, Ky. }	12	474
Cloversport, Ky.....	10	242	Belgrade, Ill.....	8	482
Carmelton, Ia.....	13	255	Fort Massac, Ill.....	2	484
Troy, Ia.....	6	261	Caledonia, Ill.....	25	509
Lewisport, Ky.....	6	267	America, Ill.....	3	512
Rockport, Ia.....	12	279	Trinity, Ill.....	5	517
Owensburg, Ky.....	9	283	CAIRO, Ill., and }	5	522
Bon Harbor, Ky.....	3	291	MOUTH OF THE OHIO RIVER }		
Enterprise, Ia.....	3	294	and from Pittsburg.....	999	
Newburg, Ia.....	15	309			
Green River, Ky.....	6	315			
Evansville, Ia.....	9	324			
Hendersonville, Ky.....	12	336			
Mount Vernon, Ia.....	26	362			
Uniontown, Ky.....	15	377			
Wabash River.....	5	382			
Raleigh, Ky.....	6	385			
Shawneetown, Ill.....	5	393			
Caseyville, Ky.....	9	402			
CAVE IN ROCK, Ill.....	14	416			
Elizabeth, Ill.....	6	422			
Golconda, Ill.....	23	445			

Distances from Pittsburg and Cincinnati.

	F'm Cin.	F'm P'b'g
To St. Louis, Mo.....	697	1174
Falls of St. Anthony..	1439	1966
Memphis, Tenn.....	767	1244
Vicksburg.....	1153	1630
Natchez.....	1269	1746
New Orleans.....	1548	2025

TEXAS.

TEXAS, one of the younger of the great family of American States, came into the Union through much tribulation, her history marked with wars and rumors of wars. In the year 1821 the inducements held out to settlers in this region by the Government of Mexico, to whom the territory at that period belonged, caused an immense rush of emigration thither from the United States. This new and harder population had grown so great by the year 1832, as to quite absorb and destroy the original feeble spirit of the land under Mexican rule, and to embolden the exotic population to seek the freedom and independence there, to which they had been accustomed at home. With both the will and power to accomplish their purpose, they first demanded admission for their State as an independent member of the Mexican Confederacy; and that being refused, they declared themselves wholly free of all allegiance whatsoever to that government. This assumption resulted in a war with Mexico, which after various fortunes was determined in favor of the Texans by the total defeat and capture of the Mexican President Santa Anna, at the memorable battle of San Jacinto, April 21st, 1836. The little village of San Jacinto is in Harris County, near the present city of Houston, in Buffalo Bayou, near its entrance into Galveston Bay.

Texas continued to be an independent nation after the battle of San Jacinto, until her admission in 1846, as a member of the great North American Confederacy.

This fresh turn in events and the disputes which followed, in respect to boundary lines between the new State and the territory of Mexico, were soon followed by the war between that country and the United States. Again, Texas became the scenes of battle and bloodshed, enriching her soil with gallant and brave associations. Two of the famous fights in this war, under the sturdy and victorious lead of the American General, Taylor, occurred within the limits of the present State.

The immortal field of Palo Alto is near the southern extremity of Texas, between Point Isabel and Matamoras, 9 miles north-east of the latter town. The battle took place on the 8th of May, 1846. The American troops numbering

Physical Character of the Country.

2111, led by General Taylor, had 32 killed and 47 wounded, while the Mexicans, under General Arista, amounting to 6000 men, had 252 killed. The American loss unhappily included the gallant Major Ringgold.

The battle-field of Resaca de la Palma, lies in the south-eastern extremity of the State, near the entrance of the Rio Grande into the Gulf of Mexico. It is in close vicinity with the field of Palo Alto, 4 miles north of Matamoras, on the route to Point Isabel. This gallant engagement occurred on the 9th of May, 1846, the day following the victory of Palo Alto. The Mexicans, to the number of 6000, under General Arista, were totally defeated by about 2000 Americans, commanded by General Taylor. The loss of the former was about 500 killed and wounded, besides all their artillery and furniture: that of the latter was 39 killed and 82 wounded.

Though the Lone Star* has since these days of trial gone on prospering and to prosper, she is not yet entirely at peace in all her borders. At the north-west plains of the State the people are still exposed to the murderous incursions of their Indian neighbors, the fierce and warlike Comanches, Apaches, and other tribes.

The Landscape of Texas.—No one of the Southern States has a greater variety of surface than has Texas. Along the coast on the south-east there is a flat reach of from 30 to 60 miles in breadth; next comes a belt of undulating prairie country extending from 150 to 200 miles wide, and this again is succeeded in the west and north-west by a region of bold hills and table-lands. The plateau of Texas, including some portions of New Mexico, extends about 250 miles, from north to south, and 300 miles from the Rio Grande East. The upper part, Llano Estacado or "Staked Plain," is 2500 feet above the sea. This immense district is totally destitute of trees and shrubbery, excepting, sometimes, the immediate edge of the streams. Even the stunted grasses which the rains call up, soon wither and die. The Colorado, the Brazos and the Red rivers, find their sources here.

The extreme northern part of the State, extending, perhaps, 60 miles or more, is occupied by a portion of the great American desert. The high lands of the west and north-west are yet a wilderness, visited only by a few bold hunters in quest of the buffalo and other wild animals which abound there. The region, though, is said to have an inviting aspect, and to be well watered and fertile.

The Colorado Hills extend in a north and south direction, east of the Colorado River. Between the Colorado and the Rio Grande, and north of the sources of the San Antonio and Nueces Rivers, are broken and irregular chains of hills, probably outposts of the great Rocky Mountain ranges. Some of these hills—as the Organ, the Hueco, and the Guadalupe Mountains—have an elevation of 3,000 feet above the Rio Grande; and the Guadalupe group rises to that height above the adjacent plains.

Texas abounds in mineral wealth, as might be supposed from her proximity to the rich mining districts of Mexico. Gold and silver lie buried, no doubt, in large supplies in her soil. Indeed, the latter metal has been already found at San Saba and upon the Bidas River. Exciting rumors prevailed for a while, some few years since, of the detection of gold, west of the Colorado River, and between it and the San Saba Mountains. Coal is supposed to exist about 200 miles from the coast, in a belt extending south-west from Trinity River to the Rio Grande. Iron is found in many parts of the State; and copperas, agates, lime, alum, chalcedony, jasper, and red and white sandstone. There are, too, salt-lakes and salt-springs. In a pitch lake, 20 miles from Beaumont, there are deposits of sulphur, nitre, and fire-clay.

* The device of the flag of the Republic of Texas.

The coast of Texas, like that of the

The Rio Grande and other Rivers.



Wild Life in Texas.

borders of all the Southern States on the Atlantic and the Gulf of Mexico, is lined with a chain of low islands, separated from the main land by bays and lagoons. There are the bays of Galveston, Matagordo, Espiritu Santa, Aransas, Corpus Christi, and Laguna del Madre. These bays are some 30, and some nearly 100 miles in length.

The Rio Grande, or Rio Bravo del Norte, the largest river in Texas, of which it forms the southern boundary, is 1,800 miles in length. It comes from the Rocky Mountains to the Gulf of Mexico. It is a shallow stream, much broken by rapids and sand-bars, though small steamboats ascend its waters 450 miles from the sea, to Kingsbury Rapids. The "Great Indian Crossing" is about 900 miles from its mouth. At this place is the famous ford of the Apaches and the Camanches, when they make their predatory visits into Mexico.

The Colorado River runs from the table-lands in the north-west part of the State 900 miles to Matagordo Bay. Aus-

tin City, Bastrop, La Grange, Columbus, and Matagordo, are upon its banks. Austin, the capital of the State, at the head of steamboat navigation, is 300 miles from the sea; at Matagordo, at its mouth, many portions of this river are extremely picturesque.

The Brazos is one of the largest of the Texan rivers. It runs from the table-lands of the west to the Gulf of Mexico, 40 miles below Galveston; the direct distance from its source to its mouth is 500 miles, and, by the windings of its channel, 900 miles. It passes by Waco, Washington, Columbia, and Richmond. At high water the Brazos is navigable 300 miles from its mouth, to Washington, and steamboats may ascend 40 miles, to Columbia, at all seasons. Much of its course is through alluvial plains, occupied with sugar and cotton plantations, fields of Indian corn, and forests of red cedar and of live oak.

The Nueces comes, like most of the rivers of Texas, from the table and hill

Wild Animals—Birds—Railways—City of Galveston.

districts of the west, and flows through the State into the Gulf of Mexico. The Nueces follows a very eccentric course of 350 miles to the Nueces Bay. It may be ascended by steamers 100 miles.

The *San Antonio*, the *Guadalupe*, the *Trinity*, the *Neches*, and the *Sabine*, other chief rivers of Texas, are, in general character, course, and extent, much like those of which we have already spoken more at length.

The Soil of Texas is as varied as its surface and climate, and, for the most part, extremely fertile. The great staple is cotton, which thrives all over the State, and is of very superior quality in the Gulf districts. Sugar may be profitably cultivated in the level regions. Tobacco is raised with ease, and with scarcely less success than in Cuba itself. All the grains and grasses of the north are found here, with every variety of tropical and other fruits and vegetation. The live oak, in many varieties, abounds in the forests, besides the palmetto, cedar, pine, hickory, walnut, ash, pecan, mulberry, elm, sycamore and cypress.

Wild Animals. There is every opportunity for the adventurous hunter, in the wildernesses and prairies of Texas, where wild animals of many species abound. In the north-west he may find the wild horse, or mustang, and the fierce buffalo. The deer and the antelope, the moose and the mountain goat, are plentiful—not to mention the jaguars, the pumas, wild-cats, black bears, ocelots, wolves and foxes, and such smaller game as peccaries, opossums, raccoons, hares, rabbits, and squirrels. A special feature of the wild life here is the prairie dog, or marmot, dwelling in holes burrowed in the ground. Their numbers are so great that the traveller may sometimes journey for days together without losing sight of them.

Wild Birds are abundant in many varieties, birds of prey and birds of sport. There is the bald-headed eagle and the Mexican eagle, vultures, owls, hawks, wild turkeys, wild geese, prairie hens, canvass-back and other ducks, teal, brandt, pheasants, quails, grouse, woodcocks, pigeons, partridges, snipes,

plovers, red-birds, and turtle-doves. By the waters are found, also, the crane, the swan, the pelican, the water turkey, and the king-fisher. The smaller birds are numerous, and among them many of the most brilliant plumage, as the oriole, the paroquet, the cardinal, the whippoorwill, and the sweet-toned mocking-bird. Blackbirds abound, and woodpeckers, blue-jays, starlings, red-birds, swallows, martens, and wrens.

In the rivers and bays there are all the varieties of water life, from alligators, to perch, pike, trout, turtles and oysters.

Snakes and reptiles of all sorts are at home in Texas. Rattlesnakes, moccasins, copperheads, coach-whips, and garden snakes, horned frogs and lizards, the ugly centipedes and the poisonous tarantula.

Railways. The people of Texas have not yet had time to build many Railroads. Various lines, however, are in process of construction, and others are surveyed.

The Buffalo, Bayou, Brazos and Colorado Railway extends at present 25 miles from Harrisburg, near Houston, to Richmond, on the Brazos river, 170 miles south-east of Austin City.

The Galveston and Red River Railway, now partly in operation, is to be continued westward to the Brazos river, perhaps to Austin.

Galveston from New Orleans, by steamer, Sundays and Thursdays. Distance, 450 miles.

Galveston, with a population of 8 or 9 thousand, is yet the largest city and the commercial metropolis of Texas. It is built on an island at the mouth of Galveston bay. The island of Galveston is about 30 miles in length and 3 miles broad. It is a thriving place, and with the spirit of progress, and its advantages as the best harbor on the coast, will no doubt increase rapidly in importance. Galveston is provided with good hotels, a reasonable supply of newspapers, churches and schools. Railways will soon be constructed hence to Houston, to Red River, and other points. Steamboats ply regularly be-

Towns and Routes.

tween the city and the towns in the interior, and to New Orleans.

The first settlement here was made in 1837.

Route from Galveston to Austin. To Houston (by steamboat), 82 miles; San Felipe (by stage), 136; Rutersville, 178; La Grange, 183; Mt. Pleasant, 213; Bastrop, 223; AUSTIN, 256.

From Galveston to Matagorda, by Stage. To San Luis, 27; Velasco, 38; Cedar Grove, 64; MATAGORDA, 89.

From Galveston to Washington. To Houston, 82; Myrtle Turf, 112; WASHINGTON, 147.

From Galveston to Corpus Christi. To Velasco, 38; Matagorda, 89; Texana, 133; Victoria, 159; Goliad, 194; CORPUS CHRISTI, 245.

Houston from New Orleans is by steamer via Galveston. Houston is the second of the Texan cities in commercial importance. Its population is about 7,000. It is situated on the low lands of the coast stretch, upon the Buffalo Bayou, 82 miles north-west of Galveston and 200 miles east-south-east of Austin City. Much of the surrounding country is a treeless savanna, covered with fine pasturage. This is a great *entrepot* for the cotton, sugar, and other products of the adjacent country. Houston was settled in 1836, and was once the capital of Texas. There are excellent hotels here. A Railroad, to extend hence to Austin City, is partly in operation.

From Houston to Washington. To Myrtle Turf, 30; WASHINGTON, 86.

From Houston to Beaumont. To Lynchburg, 35; to Liberty, 60; to BEAUMONT, 112.

Austin, the capital of Texas, is upon the Colorado River, 200 miles by land from its mouth, and 230 miles west-north-west of Galveston. The landscape of the vicinage is strikingly picturesque.

The seat of government was established here in 1844. The present population is nearly 4,000. From New Orleans by steamer to Galveston. For routes thence, see *Galveston*.

From Austin to Galveston.—Reverse route from Galveston to Austin, fourth route preceding.

From Austin to Matagorda.—To Bastrop, 33; Mt. Pleasant, 43; La Grange, 73; Columbus, 108; Egypt, 138; Preston, 158; Matagorda, 198.

From Austin to Washington.—To La Grange, 73; Rutersville, 78; Industry, 98; Mt. Vernon, 116; Independence, 132; Washington, 142.

From Austin to the Rio Grande.—To Bastrop, 33; River San Marcos, 77; River Guadaloupe, 98, San Antonio de Bexar, 148; River San Miguel, 190; River Frio, 220; River Nueces, 282; Rio Grande (town and river), 332.

San Antonio, with a population of about 8,000, is one of the largest towns in Texas. It is in Bexar County, on the San Antonio River, 110 miles south-west of Austin City. Fort Alamo, in the vicinity, contains a United States Arsenal. Many of the residences here are very elegant and beautiful.

Brownsville, formerly Fort Brown, is opposite Matamoras, on the Rio Grande, 40 miles from its mouth. It is 300 south of Austin. Brownsville is one of the chief towns of the State, with a population of about 6,000. It was named in honor of Major Brown, who commanded the garrison at the period of the Mexican war. He was mortally wounded by a shell from the enemy's batteries (May 6, 1846) while General Taylor was occupied in opening a communication with Point Isabel. The American army entered Matamoras without opposition after the success of Palo Alto and Resaca de la Palma.

ARKANSAS.

ARKANSAS is one of the younger States, having been admitted into the Union as late as 1836. It was formerly a part of the territory of Louisiana, and was settled by the French at Arkansas Post, about 1685. Its history has no very

marked points, beyond rude frontier contests with the Indian tribes. It is a wild, desolate region of swamps, marshes, and lagoons, for a hundred miles back from the Mississippi River. This great plain is broken at intervals by elevations sometimes thirty miles in circuit. At flood periods, when the land is, as it often is, inundated, these points become temporary islands. Great levees are in process of construction along the banks of the river, by which means much of this vast tract will be converted into valuable land, with a soil of the richest nature. The Ozark Mountains bisect the State unequally. The middle regions, and the district north of the Ozark ranges, have a broken and varied surface.

The climate, soil, vegetation, and products of the lower portion of Arkansas, are all similar to those of the other south-western States; while the hilly regions above have, in all these respects, the more northern characteristics. The southern section is unhealthy, while the uplands are assalubrious as any part of the north-western States.

PRODUCTIONS. The rich, black alluvion of the river, yields Indian corn in great luxuriance. This product, with cotton, tobacco, rice, many varieties of grain, wool, hops, hemp, flax, and silk, are the staples.

The **FOREST TREES** include great quantities of the cotton-wood, gum, ash, and cypress, in the bottom lands; and the usual vegetation of the north in the uplands. The sugar-maple, yielding large supplies of sap, is found here.

WILD ANIMALS range the forests and swamps in Arkansas as in Texas; and quails, wild turkeys, geese, and other birds abound. Trout and other fish are plentiful in the rivers and streams.

MINERALS. Coal, iron, zinc, lead, gypsum, manganese, salt, and other mineral products exist here. Gold, too, it is said, has been found. "There is," says a writer, "manganese enough in Arkansas to supply the world; in zinc, it exceeds every State except New Jersey; and has more gypsum than all the other States put together; while it is equally well supplied with marble and salt."

Reaching Arkansas, we leave the seaboard, which we have followed almost without intermission thus far, in our rapid tour of the Union, from the St. Lawrence, southward and westward. Arkansas has no seaboard, though the great highway of the Mississippi well supplies this want; leaving as its waters do nearly all its eastern boundary, and

receiving the floods and freights of most of the many great rivers which traverse every part of its wide area.

The **Arkansas River**, rising in the Rocky Mountains, comes in from the Indian Territory on the west, and traverses the middle of the State for 500 miles, gathering up in its long course the waters of many tributary streams, and bearing them to the great floods of the Mississippi. The entire length of this river is 2,000 miles. It is navigable for steamers 800 miles. Next to the Missouri, the Arkansas is the largest of the vassals of the "Father of Waters."

The **White River** is 800 miles in length. It is navigable from the Mississippi—into which it debouches, not far from the mouth of the Arkansas—350 miles to the mouth of the Black River, and at some periods of the year 50 miles yet higher up, to Batesville. As along the other rivers of Arkansas, the cypress covers the swamps of the Mississippi vicinage, and gives place to the pine and other vegetation higher up. This stream has numerous large affluents, among them the Big North Fork, Bryant's Fork, the Little North Fork, and Buffalo Fork.

The **St. Francis**, the **Red River**, the Washita, and other waters bear the same general characteristics as the streams already mentioned. There are no lakes in this State of especial extent or interest.

Railways have not thus far been

much needed in Arkansas, with her great facilities of water communication, and her thin population. Still various routes are projected; one of them to lead from St. Louis to New Orleans; and another from Little Rock to Memphis. In some future edition of this work, we shall no doubt be called upon to unravel the iron web of travel here, as, now, in most of the other States of the Union.

Little Rock—accessible by steamboat from the Mississippi. Arkansas has as yet no towns of any considerable extent. Little Rock, the capital, with a population of 3,000 or 4,000, is the largest. It is situated on the top of a rocky bluff, the first of these characteristic precipices which is seen in the ascent of the Arkansas River, 300 miles up. The State House is a handsome, rough-cast brick edifice. The Penitentiary is located here, and there is also a United States Arsenal. Regular communication with points on the Arkansas and the Mississippi Rivers.

Route from Little Rock to Fort Smith and Fort Gibson.—To Lewisburg, 45; Pt. Remove, 52; Dwight, 76; Scotia, 82; Clarksville, 98; Horse Head, 109; Ozark, 121; Pleasant Hill, 135; Van Buren, 160; Fort Smith, 165; Fort Gibson, 23 miles.

From Little Rock to Batesville, Ark.—To Oakland Grove, 30; Searcy, 50; Batesville, 95 miles.

From Batesville to Hix's Ferry.—To Sulphur Springs, 10; Smithville, 35; Jackson, 50; Hix's Ferry, 80 miles.

From Little Rock to Helena, Ark.—To Big Prairie, 25; Rock Roe, 38; Lawrenceville, 48; Lick Creek, 76; Helena, 91 miles.

From Little Rock to Napoleon, Ark.—To Pine Bluff, 50; Richland, 72; Arkansas Post, 118; Wellington, 133; Napoleon, 148 miles.

From Little Rock to Columbia, Ark.—To Pine Bluff, 50; Bartholomew, 120; Columbia, 145 miles.

From Little Rock to Memphis, Tenn.—To Clarendon, 65; St. Francis, 115; Marion, 145; Mississippi River, 154; Memphis, 155 miles.

From Little Rock to Fulton, Ark.—To Benton, 24; Rockport, 55; Raymond, 80; Greenville, 93; Washington, 129; Fulton and Red River, 144 miles.

The *Hot Springs* are situated a few miles north of the Washita River.

A line of stages runs hence from Little Rock, 53 miles.

Projecting over the Hot Spring Creek there is a point of land from 150 to 200 feet high, forming a steep bank. More than one hundred springs issue hence, in temperature varying from 135° to 160° Fahrenheit. The region is one of very great resort.

Alabaster Mountain. In Pike County, on the Little Missouri River, there is a mountain of Alabaster, of fine quality, and white as new-fallen snow.

Natural Bridge. In the neighborhood of the Alabaster Mountain, there is a remarkable natural bridge formation, which is regarded as a very curious and interesting scene.

Van Buren, the most commercial town of Arkansas, is 160 miles west-north-west of Little Rock, within five miles of the Indian Territory. It is pleasantly situated on the Arkansas River.

Batesville, with a population of about 2,000, is upon the White River, 400 miles from its mouth. Small steamers ascend at nearly all seasons. Batesville is distant from Little Rock (see route) 90 miles; from Memphis, Tenn., 115 miles.

Fort Smith is a thriving village on the Arkansas River, 163 miles west-north-west, by land, of Little Rock.

Camden, is upon the Washita River, 110 miles from Little Rock.

Napoleon, 125 miles south-east of Little Rock, is upon the Mississippi River, at the mouth of the Arkansas. It is a busy and thriving place—the seat of a United States Marine Hospital.

Arkansas Post, is upon the Arkansas River, some 50 miles from its mouth. It is an ancient settlement, having been occupied by the French as early as 1685. It was, for many years, the chief depot of the peltries of the country far around.

TENNESSEE.

THE territory, which now forms the State of Tennessee, was settled before any other of the lands west of the Alleghanies, Fort Loudon having been built by adventurers from North Carolina as early as 1757. The early history of the country is, like that of the neighboring State of Kentucky, full of the records of bloody struggles with the Indian occupants of the soil.

The little band of pioneers at Fort Loudon, were not, of course, suffered to rest peacefully in their new home: on the contrary, they were all either butchered or driven away. In a few years, though, the axes of the whites again rung through the wild forests, and their cabins dotted the land, gradually clustering into villages and towns. Tennessee was admitted, in 1796, as the sixteenth member of the American Union. She played a very honorable part in the war of 1812.

The landscape of Tennessee is most varied and agreeable, though none of the great natural wonders of the Republic lie within her borders. Her mountain, valley, and river scenery is exceedingly beautiful, and will become famous as it becomes known. The Cumberland Hills, and other ranges of the Appalachian chain, pass through her western area, separating her from North Carolina, and shutting in the valleys of the Holston and other rivers. The height of the mountain ridges and summits here is variously estimated at from 1500 to 2000 or more feet. They are most of them covered with a rich forest growth to the top, where the axe and the plough have not changed their native character. The central portion of the State, stretching from the mountains to the Tennessee River, has a broken surface, while beyond, towards the Mississippi, which makes the western boundary, the country is comparatively level.

Many valuable mineral products are found here—coal and iron in great abundance, and rich deposits of copper. Gold, too, has been detected, and silver, lead, zinc, manganese, magnetic-iron ore, gypsum of superior quality, and a great variety of beautiful marbles, slate, nitre, burrstones, and limestone. Salt and mineral springs, the latter of very valuable character, abound.

The climate here, excepting in the river lowlands, is most agreeable and healthful; exempt alike from the winter severities of the North, and from the summer heats of the South.

Immense quantities of live stock are raised in Tennessee; more, indeed, than in any other part of the Union. It is, too, a vast tobacco, cotton, and corn-growing region. The culture of hemp, buckwheat, rye, oats, barley, maple, sugar, and many other agricultural products occupy the industry and contribute to the wealth of the people.

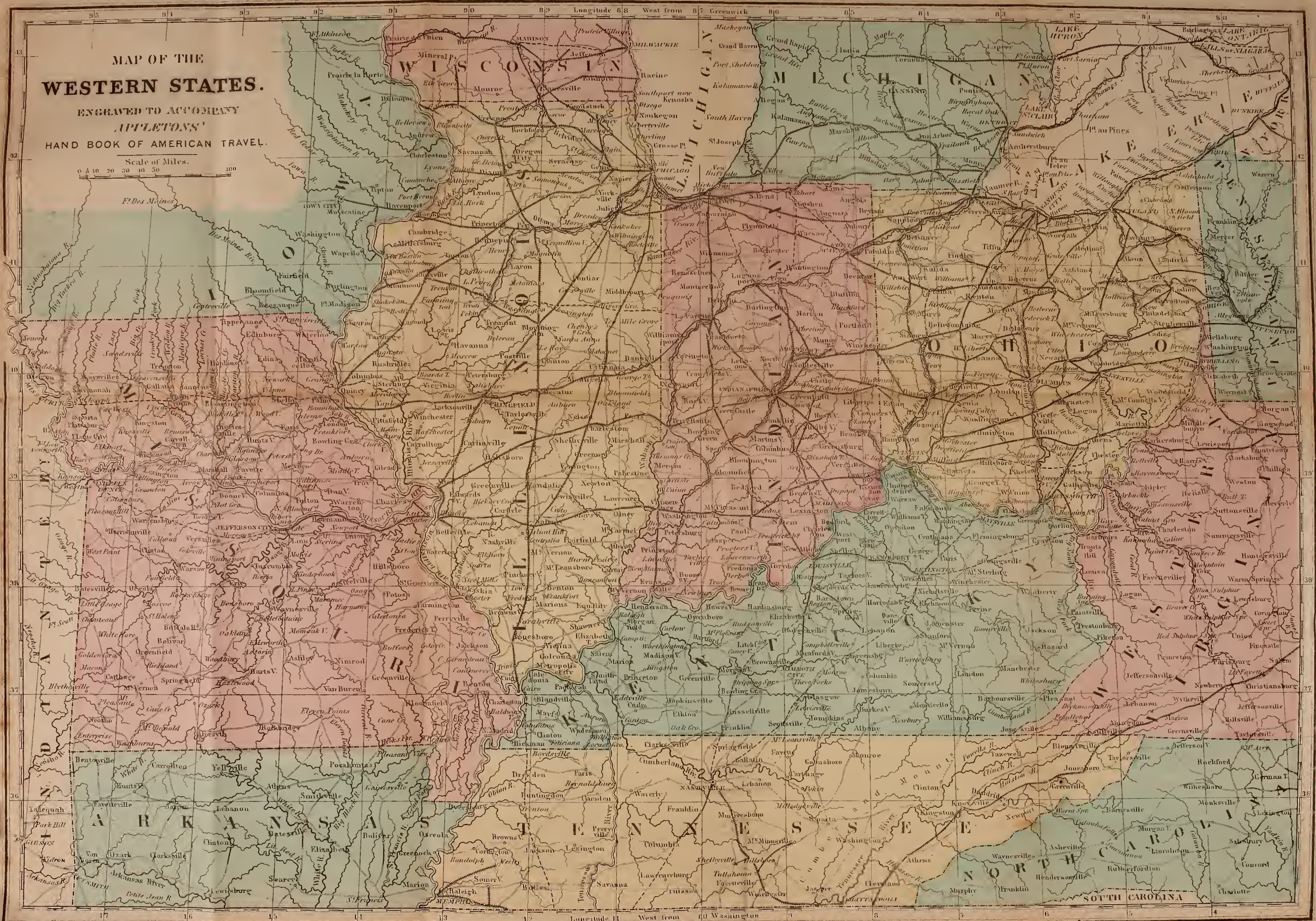
The Tennessee River enters the State at its south-east extremity, from North Carolina, and forms the chief affluent of the Ohio. Its sources are among the Alleghanies, in Virginia, flowing under the names of the Clinch and the Holston Rivers, until they unite at Kingston, in Tennessee. The first course of the main stream is south-west to Chattanooga, near the point where the States of Tennessee, Georgia, and Alabama meet. From Chattanooga it turns towards the north-west, until the obstruction of the Cumberland Mountains bends its current southward again, and sends it off on a *détour* of 300 miles into Upper Alabama and the north-east corner of the Mississippi. It gets back to Tennessee at this point, and, for the second time, traverses the entire breadth of the State, crosses Kentucky, and reaches the end of its journey at Paducah, 48 miles from the mouth of the Ohio. The length of the Tennessee proper is about 800 miles; including its longest branch, the Hol-



MAP OF THE WESTERN STATES.

ENGRAVED TO ACCOMPANY
APPLETON'S
HAND BOOK OF AMERICAN TRAVEL.

Scale of Miles.
0 10 20 30 40 50 100





View on the Tennessee River.

ston, its waters extend 1,100 miles. The only important obstruction in the navigation of the Tennessee is that great 20 miles stretch of rapids in Alabama, the Muscle Shoals (see Alabama). Steamboats ascend the river nearly 300 miles, to the foot of these rapids, and above, to Knoxville, on the Holston, nearly 500 miles. A railway supplies the missing link in the passage of the river, caused by the intervention of the rapids. Knoxville and Chattanooga are the principal places in Tennessee passed by this river. In Alabama, Tusculumbia and Florence; and in Kentucky, Paducah.

The upper waters of the Tennessee, and all that portion of the river in the eastern and middle parts of the State, are extremely beautiful; varied as the landscape is, by wild mountain scenes, and fertile pastoral lands. In the neighborhood of Chattanooga, where the Look-out Mountain lifts its bold crest, the scenery is especially attractive. It would be difficult to find a more charming picture than that from the summit of the Look-out Mountain, over the smiling valley of the Tennessee, and the capricious windings of the river.

The chief rivers of the Tennessee, besides its great namesake, and the two branches from which it is formed—

the Holston and the Clinch—are the Hiawasse, from Georgia, the Hatchee, and the Duck River. All the waters of the State are ultimately absorbed by the Mississippi, in its western boundary.

Railways in Tennessee. Nashville and Chattanooga, 151 miles from Nashville, in the North Central part of the State, to Chattanooga, near the Georgia and Alabama lines, connecting with the Georgia and South Carolina Railway system. To be extended north-west to the Ohio River.

Tennessee and Alabama. In operation southward to Columbia; to be extended and connected with routes from Mobile, Alabama, and from New Orleans.

East Tennessee and Georgia. From Knoxville, south-west, 103 miles, to Dalton, Georgia, connecting with the railways of that State. To be extended north-east, by the East Tennessee and Virginia, to the railways of Virginia, and west, from Knoxville to Nashville.

Memphis and Charleston, 310 miles from Memphis to Chattanooga, partly on the southern borders of extreme Western Tennessee, through the upper part of Mississippi and Alabama, into East Tennessee.

Memphis and Granada, southward,

from Memphis to the Mississippi and Louisiana roads.

Besides these routes now in operation many others are being constructed or are proposed.

Nashville, the capital of Tennessee, and the most important town in the commonwealth, is most agreeably situated on the south side of Cumberland River, and at the head of steamboat navigation. The site of the town consists of an entire rock, covered in some places by a thin soil, and elevated from 50 to 175 feet above the river. This place, owing to its healthy location, is the resort of numbers from the lower country during the heat of summer. Numerous steamboats of the first class are owned here, which ply at regular intervals between Nashville and Cincinnati, and other places.

Both the public and private buildings of Nashville are highly creditable to the taste and the liberality of the people; many of the latter are really sumptuous in their character. The capitol, in its bold position 175 feet above the river, and in its elegant and costly architecture, is a very imposing structure. It is built of fine limestone, much like marble, which was quarried on the spot. Its noble dimensions are 240 by 135 feet. Its cost was about \$1,000,000. The Lunatic Asylum is a superb affair, and so, too, is the Penitentiary with its 310 feet façade. Here is the University of Nashville, founded in 1806. Its Medical School has over 100 students. The Mineral Cabinet of the late Dr. Troost is the richest private collection in the United States. A wire Suspension Bridge spans the Cumberland River here. It was built at a cost of \$100,000. The city is lighted with gas, and is supplied with water from the river. The population of Nashville was in 1853, about 20,000. The city is 200 miles from the mouth of the Cumberland River, 230 miles east-north-east of Memphis, 206 miles south-west of Lexington, Kentucky, and 684 miles from Washington. Railroads are in progress, which will connect it with Louisville, Kentucky, and thence with all the great railways,

north and east—others, which will unite it with all the Atlantic States via Knoxville and the Virginia routes, while it is already in daily and unbroken communication with the Atlantic, via the Nashville and Chattanooga route, connecting with the Georgia railways, Atlanta, Augusta, Savannah and Charleston, S. C., and with Montgomery, on the great line from New York to New Orleans.

The Hermitage, Home of General Jackson.—The traveller while in this vicinage will not fail to make a pilgrimage to the spot sacred as the hearthstone of the great General and Statesman, Andrew Jackson.

Memphis is finely situated upon the Tenth Chickasaw Bluff of the Mississippi, at the mouth of the Wolf River. It is in the south-west corner of the State, upon the site of Fort Pickering. The city presents a striking appearance as seen from the water, with its esplanade several hundred feet in width sweeping along the bluff and covered with large warehouses. It is the chief town on the Mississippi, between New Orleans and St. Louis. Its population amounted in 1853 to over 12,000. Memphis is 781 miles from New Orleans, 120 miles below St. Louis, and 209 miles from Nashville. The Memphis and Charleston railway connects the city via Chattanooga, Tenn., and Atlanta and Augusta, Georgia, with the Atlantic at Savannah, and at Charleston, S. C. A railway to Little Rock, Arkansas, and others to Nashville, are in course of construction.

Knoxville is upon the Holston River, four miles from its junction with the French Broad: 185 miles east of Nashville and 204 miles south-east of Lexington, Kentucky. It is connected by the East Tennessee and Georgia railway with all the great routes of Georgia to the Atlantic, and with the highway to New Orleans, via Montgomery and Mobile, in Alabama; also by the East Tennessee and Virginia railway, with Richmond, Virginia, and all the great thoroughfares of the country. The great route from Boston to New Orleans will

Chattanooga and other Towns.

soon pass through Knoxville. The city is a pleasant and prosperous one, with a population at this time of some 6,000. Formerly it was the capital of the State. The University of East Tennessee, founded in 1807, is here. Here, too, is the largest manufactory of window glass in the Southern States.

Chattanooga is upon the Tennessee River, in the southern part of the State, where its boundary is touched by Alabama and Georgia. It is 250 miles from Knoxville by water, and 140 miles south-east of Nashville. It is a great railway centre, being the terminus of the Nashville and Chattanooga route, from Nashville, being also upon the Georgia routes, reaching to Knoxville, and thence through Virginia; and upon the great line from Charleston, S. C., to the Mississippi at Memphis. The Tennessee River is navigable two-thirds of the year, and at all times for small boats, from the Ohio to Chattanooga. Population about 4,000. See Look-out Mountain in the chapter upon Georgia for the beautiful landscape surroundings of Chattanooga.

Columbia (population about 3,000) is upon the Duck River, 41 miles below Nashville, upon the line of the great railway now in process of construction from Nashville to the Gulf of Mexico and New Orleans—in operation (at the upper end) from Nashville to Columbia. Jackson College is located here. The

Maury Female Academy occupies an imposing edifice. Columbia was the home of Mr. Polk before his election in 1844 to the Presidency of the United States.

Murfreesboro' is 30 miles below Nashville, on the railway route via Chattanooga, Atlanta and Augusta to Charleston, Savannah, etc. The town is built in a beautiful and picturesque valley. It is the seat of the Union University (Baptist), established in 1841. Murfreesboro' was the capital of Tennessee from 1817 to 1827, a pleasant and thriving town.

Jackson is upon the Forked Deer River, 180 miles below Nashville by stage. The Mobile and Ohio railway will pass here.

Lebanon, the seat of the Cumberland University, is 30 miles east of Nashville by stage.

Caves and Mounds in Tennessee.—While in Eastern Tennessee, the traveller should not fail to see some of the numerous caves in the Cumberland Mountains. Upon the Enchanted Rock, here, are some singular impressions of the feet of men and animals. In Coffee County, not far from Manchester, there is an ancient stone fort, enclosed by a wall, upon which trees are growing, whose age is supposed to exceed 500 years. This mysterious fortification is situated between two rivers, and occupies an area of 47 acres.

KENTUCKY.

"THE highest phase of Western character," says Mr. Tuckerman, "is doubtless to be found in Kentucky, and in one view best illustrates the American in distinction from European civilization. In the North, this is essentially modified by the cosmopolite influence of the seaboard, and in the South by a climate which assimilates her people with those of the same latitudes elsewhere; but in the West, and especially in Kentucky, we find the foundations of social existence laid by the hunter—whose love of the woods, equality of condition, habits of sport and agriculture, and distance from conventionalities, combine to nourish independence, strength of mind, candor, and a fresh and genial spirit. The ease and freedom of social intercourse, the abeyance of the passion for gain, and the scope given to the play of character, accordingly developed a race of noble aptitudes; and we can scarcely imagine a more appropriate figure in the foreground of the picture than Daniel Boone, who embodies the honesty, intelligence, and chivalric spirit of the State."

 Historical Mention—The Kentucky and other Rivers.

The first visit of Boone to the wildernesses of Kentucky was about the year 1769, at which period he and his hardy companions made the earliest settlement at Boonesborough. In 1774, Harrodsburg was begun, and Lexington a year or two afterwards. The pioneers in their western forests met with all the adventure their hearts could desire—more, indeed; for so great was their exposure and suffering, for many long years, from the cruel enmity of the savage populations, that the country came to be known as “the dark and bloody ground.” A memorable battle was fought near the Blue Lick Springs, Aug. 19, 1782, between the Kentuckians and the Indians—an unequal and disastrous conflict, in which the colonists were routed, with a loss of sixty men, among them a son of the gallant Boone.

In 1778, Du Quesne, with his Canadian and Indian army, was bravely repulsed at Boonesborough. Kentucky came into the Union in 1792, being the second State admitted after the Revolution.

The physical aspect of Kentucky is one of changing and wonderful beauty, as we shall see in subsequent visits to some of her marvellous natural scenes. The Cumberland Mountains traverse the eastern counties, and a line of hills follows the course of the Ohio River, with meadow stretches between, sometimes ten, and even twenty miles in width. The State is well supplied with coal, iron, and other minerals. Salt and mineral springs of great repute abound.

The chief agricultural staples of this region are hemp, flax, tobacco, and Indian corn: of the first two of these products, a greater quantity is raised here than in any other State. In tobacco, Kentucky is second only to Virginia, and in the product of Indian corn she is behind Ohio alone.

Rivers.—The Ohio River forms the entire northern boundary of Kentucky, and the Mississippi washes all her western shore; thus giving her, with the aid of the many streams which come from the interior of the State into these great highways, the greatest possible facilities for the transportation of her staples to all markets.

The Kentucky River, like most of the streams here, is remarkable for picturesque beauty; its passage, in a course of 200 miles, north-west, to the Ohio, is often through bold limestone ledges, ranged on either side of the narrow dark channel in grand perpendicular cliffs. “Deepen Trenton Falls,” says Mr. Willis, “for one or two hundred feet, smooth its cascades into a river, and extend it for thirty miles—*thirty miles* between perpendicular precipices, from three to five hundred feet high, and only a biscuit-toss across at the top—and you have a river of whose remarkable beauty the world is strangely ignorant.”

The Cumberland River is one of

the largest of the tributaries of the Ohio. It has its source in the Cumberland Mountains, in the south-east corner of the State, and flows 600 miles, making a bend into Tennessee, and then traversing western Kentucky. It is navigable for steamers 200 miles to Nashville, and sometimes to Carthage, while small craft may ascend 300 miles yet higher. About 14 miles from Williamsburg there is a fine fall of 60 feet perpendicular in this river.

The Licking River flows from the Cumberland Mountains, 200 miles, into the Ohio, opposite Cincinnati. Steamboats may ascend 50 miles to Falmouth. This river varies in width from 50 to 100 yards. Its banks are often lofty and precipitous, covered with huge forest trees. The South Licking and the North Fork are among its tributaries.

Green River is about 300 miles in length. It rises in the eastern section of the State, and flows westward for some 150 miles, through the limestone regions and by the Mammoth Cave, final-

Rivers—Railways—City of Louisville.



Scene on the Kentucky River.

entering the Ohio nine miles above Evansville in Indiana. It is navigable in high water, and by the aid of locks and dams, for steamboats, 200 miles to Greensburg.

Salt River, named in token of the Salt Springs which abound in its vicinity, enters the Ohio 22 miles below Louisville. This is the fabled retreat of defeated politicians and other unhappy adventurers.

The Tennessee River rises among the Cumberland Mountains of Eastern Kentucky, and flows 70 miles within the limits of this State. (See Tennessee.)

Railways. Covington and Lexington, 99 miles south from Covington, on the Ohio, opposite Cincinnati, to Lexington, on a branch of the Elkhorn river, via Falmouth.

Louisville and Frankfort and Lexington and Frankfort Railways, 94 miles from Louisville, on the Ohio, to Lexington via Frankfort.

Louisville and Nashville. Portions of this road from Louisville south are in operation; the rest is in progress. Many routes, traversing the State in every direction, are in course of construction, and others still are proposed.

City of Louisville. To reach Louisville from Boston, New York, Philadelphia, Baltimore, and intermediate

places, see Cincinnati and routes to that city. From Cincinnati, take the steamer down the Ohio river, 133 miles to Louisville; or take the Ohio and Mississippi Railway 87 miles to Seymour, and thence by the Jeffersonville Railway 59 miles to Jeffersonville, opposite Louisville. *This is the best land route.* Total distance to Louisville from Cincinnati, 146 miles. Louisville may also be reached less directly, from Cincinnati by the Kentucky Railways, the Covington and Lexington, 99 miles to Lexington, and thence by the Louisville and Lexington, via Frankfort, 94 miles; from Cincinnati to Louisville, by this route, 193 miles. Louisville may be reached from Pittsburg, western terminus of the Pennsylvania Railway, from Philadelphia or from Wheeling, western terminus of the Baltimore and Ohio Railway from Baltimore, by steamboat down the Ohio. From St. Louis there is a *direct* Railway communication by the new route of the Ohio and Mississippi road from Cincinnati to St. Louis. The way heretofore has been by routes higher up; the "Terre Haute and Alton" to Indianapolis, and thence by the Jeffersonville Railway.

Hotels. The Galt House, pleasantly situated on Main street; the Louisville Hotel, also on Main street.

City of Louisville.

Louisville, with a population of about 60,000, is the chief city of Kentucky. Its position is at the Falls of the Ohio, where Grass Creek enters *La Belle Riviere*. The topography is most agreeable, affording fine views from many parts of the terrace elevation of 70 feet.

The Falls, which are quite picturesque in appearance, may be seen from the town. In high stages of the water they almost entirely disappear, and steamboats pass over them; but when the water is low, the whole width of the river, which is scarcely less than a mile, has the appearance of a great many broken rivers of foam, making their way over the falls. The river is divided by a fine island, which adds to the beauty of the scene. To obviate the obstruction to the navigation caused by the falls, a canal two and a half miles in length has been cut round them, to a place called Shippingsport. It was a work of immense labor, being, for the greater part of its course, cut through the solid rock. The extent of the city river-wards is over two miles. The

course of the leading streets is in this direction. They are, for the most part, wide, well paved, and delightfully shaded with noble trees.

The chief points of architectural display are in the edifices of the City Hall, the Court House, the University of Louisville, the Medical Institute, the Blind Asylum, the Mercantile Library and the Historical Association, and St. Paul's (Episcopal), and the First Presbyterian church.

Silver Creek, 4 miles below the city, on the Indiana side (cross by ferry from Portland), is a beautiful rocky stream, and a favorite fishing and pic-nic place of the Louisville ruralizers. There is a small but fair Hotel here. Another pleasant excursion is to the mouth of Harrod's Creek, 8 miles up the Ohio. There are, too, famous drives on the Lexington and Bardstown turnpikes, through a beautiful and richly cultivated country. The road along the borders of Bear Grass Creek, Lexington-wards, is very agreeable. The fine forest vegetation, the charming parklike groves, the hemp fields and the *blue grass* pas-



Louisville, Kentucky.

Louisville and Ashland—Covington.

tures, all help to furnish forth delight in the Louisville suburban rides and rambles.

Louisville is connected with Frankfort, 65 miles distant, by Railway, and with Lexington, 94 miles. A Railway to Nashville is in progress, and partly in operation, by which route the tourist will be put in the immediate neighborhood of the Mammoth Cave.

Lexington. From Cincinnati, by the Lexington and Covington Railway, 99 miles: from Louisville, by the Louisville and Frankfort and Lexington and Frankfort, 94 miles.

Hotels. *The Broadway House*, corner of Broadway and Short streets.

Lexington, upon the Town Fork of the Elkhorn River, is one of the most beautiful and most opulent of the Kentucky cities. In population (about 13,000) it is the second place in the State. The streets are regular, broad, well-paved, well-built, and delightfully shaded. Here is the seat of the *Transylvania University*, the *Law and Medical* schools of which are held in high repute. The *University Library* numbers over 14,000 volumes. The *State Lunatic Asylum* occupies a prominent locale.

A monument in honor of Henry Clay, whose home of *Ashland* is close by, is about to be erected in Lexington. This city was once the Capital of Kentucky.

Ashland, the Home of Clay. The unpretending abode of the great western statesman, is about a mile and a half from Lexington, and is, of course, the chief object of interest to the visitor in this neighborhood. "Walking slowly and thoughtfully up," says Mr. Greeley, "a noble avenue that leads easterly from Lexington, the traveller finds the road terminating abruptly in front of a modest, spacious, agreeable mansion, only two stories in height, and of no great architectural pretensions. Mr. Clay lived at Ashland between forty and fifty years. The place bore the name when he went to it, probably, as he said himself, on account of the ash timber with which it abounds, and he made it one of the most delightful retreats in all the West. The estate

is about 600 acres large, all under the highest cultivation, except some 200 acres of park, which is entirely cleared of underbrush and small trees, and is, to use the words of Lord Morpeth, who stayed at Ashland nearly a week, the nearest approach to an English park of any in this country. It serves for a noble pasture, and here Mr. Clay had some of the finest horses and Durham cattle in America. The larger part of the farm is devoted to wheat, rye, hemp, etc., and the crops look most splendid. Mr. Clay paid great attention to the ornamentation of the land with beautiful shade trees, shrubs, flowers, and fruit orchards. From the road which passes the place on the north-west side, a carriage-way leads up to the house, lined with locust, cypress, cedar, and other rare trees, and the rose, jasmine, and ivy clamber about them, and peep through the grass and the boughs like so many twinkling fairies. The mansion is nearly hidden from the road by the surrounding trees; and is as quiet and secluded, save to the throng of pilgrims continually pouring thither, as though it were a wilderness. After the death of Mr. Clay, the estate of Ashland was sold at public auction, but was purchased by James B. Clay, the great statesman's eldest son, and so the honored and beloved little homestead remains yet, happily, in the family possession. Let it be sacredly and forever preserved."

Covington, opposite Cincinnati (see routes from all points to Cincinnati), is one of the principal cities of Kentucky, with a population of about 14,000. It is upon the Ohio, immediately below the point where the Licking River comes in. Across the Licking is the suburban town of Newport. Steam ferries unite it with Cincinnati, and the great suspension bridge (see Cincinnati) will soon make a yet better means of communication thence. Covington is built upon a broad and beautiful plain, very much after the topography of the great Ohio city opposite, to which, indeed, it may be regarded as suburban. This is the seat of the *Western Theological College*,

Frankfort—Harrodsburg Springs and other places.

a prosperous and richly-endowed institution. There are here large manufactories of cotton, hemp, silk, and tobacco. The place, too, like Cincinnati, is greatly addicted to the salting and packing of pork and beef.

Newport, across the Licking River from Covington, has a population of about 9,000. Like the neighboring cities of Covington and Cincinnati, to which it owes its prosperity, it is delightfully and advantageously situated. It will probably soon absorb the large adjoining villages of Jamestown and Brooklyn.

Frankfort, the capital of Kentucky, is situated on the east bank of the Kentucky River, 60 miles above its entrance into the Ohio. The site of the town is a deep valley, surrounded by precipitous hills. The river flows in deep limestone banks; the quarries of which yield a fine stone, or marble, of which many of the houses are built. The heights on the north-east, afford fine peeps at the beautiful scenery of the Kentucky waters. The State Capitol occupies an eminence, midway between the river and the upper end of the valley. It is a fine structure, built of marble, quarried in the neighborhood. Here, too, is the State Penitentiary. The town is connected with the village of South Frankfort, across the river, by a chain bridge. Population some 6,000. Distance from Louisville, by the Louisville and Frankfort Railway, 65 miles; from Lexington, by the Frankfort and Lexington Railway, 29 miles; from Cincinnati, by railways via Lexington, 128 miles.

Maysville (population some 8,000), is upon the Ohio River, 60 miles above Cincinnati, and 60 miles north-east of Lexington, from Cincinnati by steamboat. At Portsmouth, Ohio, some 50 miles above, on the Ohio River, railway lines come in from all parts of the country, north and east. Maysville is upon Limestone Creek, whose name it formerly bore. The position of the town is in the midst of a varied hill-landscape. It is, in business and population, the fourth city of Kentucky, and

its greatest hemp mart. This is the entrepôt for the merchandise and produce imported and exported by the north-west section of the State. Railways will soon connect it with other points.

Paducah (population nearly 4,000), is upon the Ohio, just below the mouth of the Tennessee, 340 miles from Louisville; 473 miles from Cincinnati. Paducah bears the name of an Indian chief who once lived in the neighborhood.

Harrodsburg, a town of over 3,000 people, and the oldest settlement in Kentucky, is upon an eminence near Salt River, about 30 miles below Frankfort and Lexington. The first cabin ever built in the State was erected here by Captain James Harrod, in 1774. Here is the seat of *Bacon College*, and of a *Military Academy*. The greatest attraction, however, of Harrodsburg, is its celebrated mineral springs, which make it the most famous summer resort of all the country round.

Harrodsburg Springs. See *Harrodsburg, ante*. This is one of the most fashionable watering places of Kentucky, and is, in the crowded season of July and August, "the grand field of tournament for Western flirtation, and the gathering point for politicians out of harness, and for such wealthy Westerners and Southerners as like to spend their money on the side of the Alleghanies that slopes towards home." The hotel here with all its surroundings and appointments, is most admirable. Dr. Graham, the liberal proprietor, has already expended more than \$300,000 upon the embellishment of the place, and so expended it, that it all sensibly contributes to the comforts and enjoyments of his guests.

Knob Lick is an interesting spot, within excursion distance of the Harrodsburg Springs,—15 miles distant. The knobs or hillocks here are from 100 to 200 feet high, more or less conical, some of them insulated, others connected by crumbling isthmuses; the whole forming a group of barren conoidal eminences, which are finely con-

Watering Places—Natural Curiosities—Waterfalls.

trasted with the deep verdure of the surrounding plain.

The **Devil's Pulpit** is a wonderful rock and ravine; a passage in the bold landscape in the Kentucky River, accessible from Harrodsburg in a twenty-mile excursion.

The **Blue Lick Springs** is a watering place of high repute, on the Licking River, in Nicholas County. Easily reached by stage from Paris, a station on the Covington and Lexington Railway; 19 miles from Lexington; 80 miles from Covington, opposite Cincinnati. These springs contain soda, magnesia, lime, sulphuretted hydrogen, and carbonic acid, in combination with muriates and sulphates.

Drennon Springs (black and salt sulphur), are upon the banks of the Kentucky, in Henry County. They may be reached by steamboat from Louisville.

Poplar Mountain Springs are upon the Poplar Mountain top, in Clinton County, four miles from Albany. The scenery in this vicinage is of remarkable beauty. Upon Indian Creek, not far from the springs, there is a fine waterfall, of 90 feet perpendicular descent.

The **White Sulphur Springs** are in Grayson County, four miles from Litchfield. They are very numerous within a small area.

The **Tar and Breckenridge White Sulphur Springs** are in Breckenridge County, four miles from Cloverport. They are readily accessible from the Ohio River. The Breckenridge coal is found in this vicinity.

The **Tar and Sulphur Springs** are upon Green River, in Davies County, near the "Old Vernon Settlements." There are other springs of reputation in this vicinity.

The **Esculapia Springs**, Chalybeate, and White Sulphur, are in a beautiful valley of Lewis County.

The **Fox and the Phillips' Springs** are in the abundant spring region of Fleming County.

The **Lettonian Springs** (sulphur), are upon the Bank Lick Road, near the

Ohio River, and about four miles from Covington. This is a pleasant excursion point from Cincinnati.

The **Parroquet Springs** are near Sheppardsville, in Bullitt County.

The **Sink Holes of Kentucky**. Of these curious cavities or depressions in the surface of the ground, known as sinks, remarkable examples are found in Kentucky. Sinking Creek in Breckenridge County suddenly disappears, and is not seen again within a distance of half a dozen miles. Near Mumfordsville, in Harts County, there is a strange spring connected with a mill-pond, the waters of which overflow the dam every twenty-four hours, rising 12 or 15 inches, and receding to their ordinary level with the precision of the tides. Six miles east of the same town, there is a hole, in form like an inverted cone, which is 70 feet in diameter at the surface, and but 10 or 12 feet across, at a depth of 25 or 30 feet. Stones cast into this pit, give no indication of touching the bottom. There is yet another extraordinary sink in this neighborhood, on the top of an elevation, called Frenchman's Knob. It has been descended by means of a rope, 275 feet, but without finding bottom.

Natural Bridge. There is an extraordinary natural Bridge in the romantic county of Christian. It makes a grand span of 70 feet, and is 30 feet high.

Dismal Rock is a frowning precipice, 160 feet high, in Edmonson County.

Cumberland Gap. This passage of the Cumberland River through the mountains, in Knox County, is an imposing scene. The waters make their way between huge cliffs, 1,300 feet in height.

Waterfalls. Besides the cascades of the Indian Creek, near Poplar Mountain, of which we have already made mention, there are numerous beautiful waterfalls among the hills of Kentucky. The Kentick Creek in Cumberland County, presents some fine pictures of this kind. The traveller must not overlook, either, if his time serves for the exploration, the Rock House in Cum-

Natural Wonders—Mammoth Cave.

berland; the Indian Rock in Edmonson; Pilot Rock in Christian; and the Flat and the Anvil Rocks in Union County.

The **Mounds and Fortifications**, which are numerous in Kentucky, afford employment enough for the antiquarian tourist. In Allen County, 17 miles from Bowling Green, there is a wall of solid limestone, 200 yards in length, 40 feet high; at its base, 30 feet thick, and at its summit, 6 feet. It crosses a neck formed of a curve in Drake's Creek, and shuts in a peninsula of about 200 acres, elevated 100 feet above the river. Upon the crown of this emi-

nence, an area of three acres is surrounded by a wall and ditch, making the place a fortress of immense strength. Other strange ancient works, older than tradition, may be found in Warren, Spencer, Boone, La Rue, Montgomery, Barren, and Bourbon Counties.

The **Big Bone Licks** of Boone County exhibit the great bones of the Mastodon, and other extinct animals. Curious fossil remains are found in Bourbon County. Impressions of the feet of men and of animals may be seen in a rock near Morganfield, in Union County.

The **Mammoth Cave**. Many and



The Gothic Chapel, Mammoth Cave, Ky.

The Mammoth Cave.

varied as are the natural beauties and wonders in Kentucky, the most strange and magnificent of them all remains yet to be seen in the weird halls and chambers of the famous Mammoth Cave.

Route. Tourists from the Eastern cities will reach the Mammoth Cave via Cincinnati and Louisville, and proceed thence by the Louisville and Nashville Railway, and by stage. The railway passes, or will pass, within 10 miles of the cave. From the South and West, travellers will take the stage route from Nashville for Louisville, stopping at Bell's. Steamers ply on the Green River from Louisville, to within a mile only of the cave.

The Mammoth Cave is in Edmonson County, south of the centre of the State.

Bell's Hotel is the ante-room—the head-quarters of its visitors. It is nine miles distant by a romantic forest road. The cave is supposed to extend under the ground passed over in this journey of nine miles from Bell's. The *Cave Hotel* is in the immediate vicinity of the grand Putonian halls, but 200 feet indeed from the gloomy portals. The journey through these stupendous vaults and passages is long and toilsome, despite the marvels which every where beguile the way. As it takes days to see these wonderful scenes, so it would require many pages to describe them, which compels us to be content with the briefest catalogue of the chief points of interest.

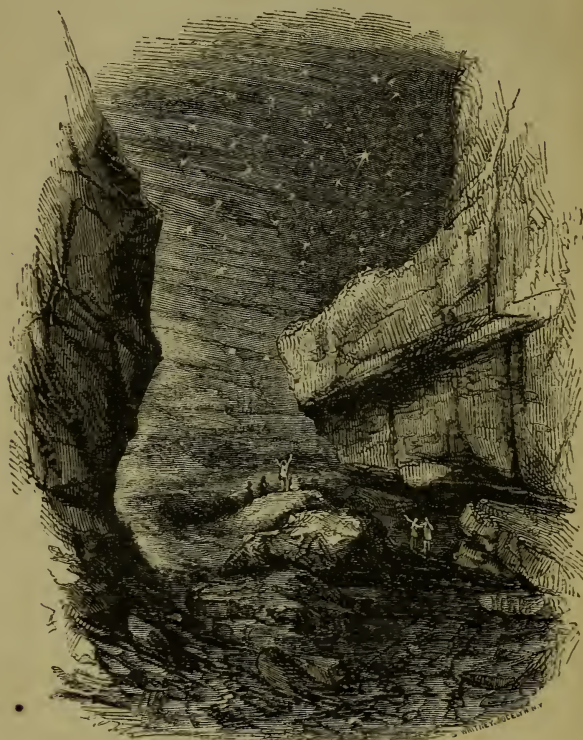
After exploring the ante-chambers and the Audubon Avenue, which is a mile in length, 50 or 60 feet high, and as many wide, we return and pass through the vestibule for a second time, entering the main cave or Grand Gallery, a mighty tunnel of many miles extent. The Kentucky Cliffs passed, we descend some 20 feet to the Church. This is a grand apartment, 100 feet in diameter, with a roof formed of one solid seamless rock, suspended 63 feet overhead. Nature has supplied these solemn halls with a natural pulpit, and a recess where a mighty organ and a countless choir could be placed. Religious services have been performed in the dim reli-

gious light of torches, under this magnificent roof. The *Gothic Avenue* is reached by a *détour* from the main cave, and a descent of some 30 feet. It is two miles in length, 40 feet wide and 15 feet high. This place was once called the Haunted Chamber. Louisa's Bower, Vulcan's Furnace, and the new and old Register Rooms, are now passed in succession. The Gothic Chapel rivals all the marvels of the highest and nicest art, in the strength, beauty and proportions of its grand columns, and its exquisite ornamentation. The Devil's Arm Chair is a large stalagmite pillar, in the centre of which is a spacious seat, grand enough for the gods. After passing numerous other stalactites and stalagmites, we look, in succession, at Napoleon's Breast Work, the Elephant's Head, and the Lover's Leap. This last scene is a large pointed rock, more than 90 feet above the floor, and projecting into a grand rotunda.

Just below the Lover's Leap, a *détour* may be made to the lower branch of the Gothic Avenue, at the entrance of which we may see an immense flat rock, called Gatewood's Dining Room; and to the right, a beautiful basin of water, named the Cooling Tub. Beyond is Flint Pit. Still pursuing our *détour*, we pass, one after the other, Napoleon's Dome, the Cinder Banks, the Crystal Pool, the Salts Cave, and a wonderful place, still beyond, called Annetti's Dome, through a crevice of which a waterfall comes.

Reëntering the main Cave or the Grand Avenue, we arrive, soon, at the Ball Room, where Nature has provided every necessary fitting of gallery and orchestra. Willie's Spring has its pleasant story, which will delight the wondering visitor until he is called upon for astonishment at the sight of the great rock, known as the Giant's Coffin.

Here begin the incrustations, ever varied in form and character, which are so much the delight of all visitors. The Giant's Coffin passed, we sweep round with the Great Bend. Opposite is the Sick Room. Hereabouts there is a row of cabins for consumptive patients.



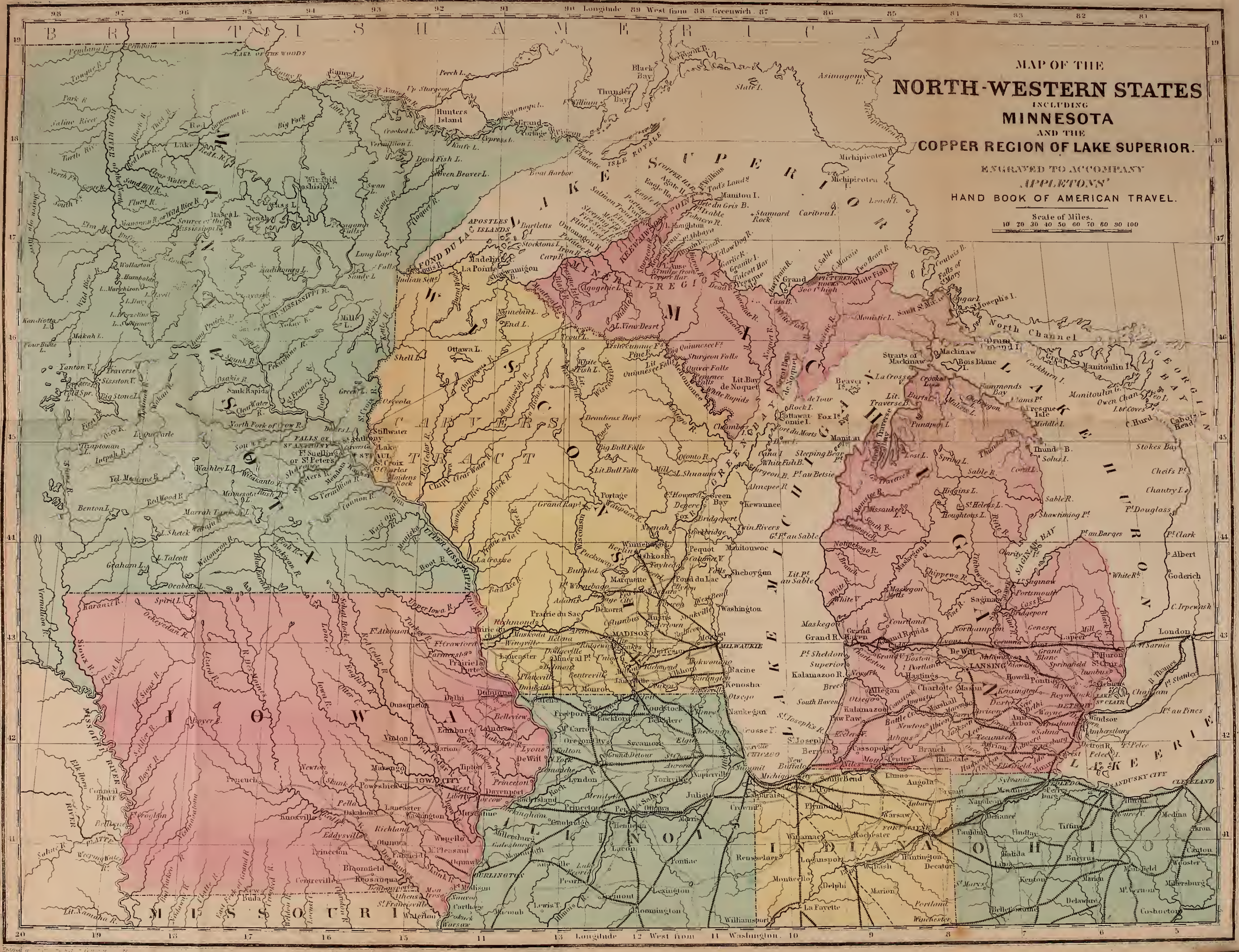
The Star Chamber, Mammoth Cave, Ky.

The Star Chamber is a splendid hall, with perpendicular arches on each side, and a flat roof. The side rocks are of a light color, and are strongly relieved against the dark ceiling, which is covered with countless sparkling substances, resembling stars.

The Cross Room has a ceiling of 170 feet span, and yet not a single pillar to uphold it. The Black Chambers contain ruins which remind us of old baronial castle walls and towers. Through the Big Chimneys we ascend into an upper room, about the size of the main cave. Here are heard the plaintive

whispers of a distant waterfall; as we come nearer, the sound swells into a grand roar, and we are close to the cataract. To enter the place called the Solitary Chambers, by the way of the Humble Chute, we have to crawl upon our hands and knees for 15 or 18 feet beneath a low arch. Here is the Fairy Grotto, the character of which admirably realizes the promise of its name. The Chief City or Temple, is an immense vault two acres in area, covered by a solid rocky dome, 120 feet high. Other localities, in the direct passage of the cave, as in some of the many *détours*,





General Remarks—Rivers.

are appropriately named the Steeps of Time, the Covered Pit, the Side Saddle, and the Bottomless Pit; the Labyrinth, the Dead Sea, the Bandit's Hall, and the River Styx, and the Rocky Mountains. Indeed, the entire nomenclature of the crowding objects rich and strange, would fill a volume. The visitor must put himself under the guidance of "Stephen," the immortal Prospero of the place, and see and hear all and all about, every thing for himself.

No more serious accident, it is said, than an occasional stumble, has ever been known to occur. Colds, instead of being contracted, are more often cured by the visit. Nowhere is the air in the slightest degree impure.

So free is the cave from reptiles of every kind, that St. Patrick might be supposed to have exerted his fabled annihilating power in its favor. Combustion is every where perfect. No decomposition is met with. The waters of the springs and rivers of the cave are habitually fresh and pure. The temperature is equable at all seasons at 59° Fahrenheit.

Thus, no one need, through any apprehension, deny himself the novel delight of a ramble along the 226 avenues, under the 47 domes, by the 8 cata-racts, the 23 pits, and the "thousand and one" marvellous scenes and objects of this magnificent and most matchless Cave.

OHIO.

OHIO is one of the largest and most important of the great Western States, and the third in the Republic in population and wealth. It extends over an area 200 miles in length and 195 miles in breadth. On its northern limits are Michigan and Lake Erie; Pennsylvania and Virginia encompass it eastward. The waters of the Ohio separate it from Kentucky on the south, and westward is the State of Indiana.

The central portions of Ohio are, for the most part, level lands, with here and there, more especially towards the north, tracts of marsh. In the north-west there is an extensive stretch of very fertile country, called the Black Swamp; much of which is yet covered with forest. Some prairies are seen in these middle and northern parts of the State. Huge boulders are found hereabouts, as upon all the plains of the West, but where they came from or how, nobody knows. North of the middle of the State there is a range of highlands which apportion the waters for the Ohio on the south and for Lake Erie on the north, the former recipient getting the lion's share. A second ridge interrupts the Ohio slope near the middle of the State, and thence, all the rest of the way southward, the country is broken and hilly, terminating, often, upon the waters of the Ohio, in abrupt and lofty banks.

The great bituminous coal veins of Pennsylvania, Virginia and Kentucky, extend into Ohio, supplying her well with this valuable product. Of iron, also, she possesses ample stores.

The Ohio River forms most of the eastern and all of the southern boundary of the State, and is the recipient of the other principal streams of the region. See index for description of the Ohio in previous pages.

The Muskingum River is formed of the Tuscarawas and the Walhond-

ing, which rise in the upper part of the State and meet at Coshocton. From this point the course of the Muskingum is nearly south-east, 110 miles to the Ohio at Marietta. Steamboats reach Dresden, 95 miles up.

The Scioto River receives its main affluent at Columbus, and flows thence

Rivers—Railways—Remarkable Scenes.

nearly south to the Ohio at Portsmouth. Its passage is about 200 miles, through a fertile valley region. The route of the Ohio and Erie canal is near the Scioto, below, for a distance of 90 miles.

The Miami River flows 150 miles from the north-west central part of the State, past Troy, Dayton and Hamilton, to the Ohio, 20 miles below Cincinnati. It is a rapid and picturesque stream, traversing a very populous and productive valley tract. Its course is followed for 70 miles by the Miami canal.

In the upper part of Ohio are the Maumee, the Sandusky, the Huron, the Cuyahoga, and other smaller rivers, which find their way to Lake Erie.

Lake Erie forms about 150 miles of the north and north-eastern boundary of Ohio.

Though there are many scenes of quiet beauty on the rivers and in the valleys of Ohio, yet the State possesses no landscape of any considerable fame; no celebrated and accepted shrines for Nature's devotees and pilgrims. There are, however, some objects of curious antiquarian interest—remarkable earth-works, which have for many long years attracted attention and inquiry. These mounds are scattered all over the country. There are some examples existing at Circleville. Another very remarkable one is found at Marietta; this mound is 30 feet high, and is surrounded by an elliptical wall 230 by 215 feet. In Warren County is Fort Ancient—which has about 4 miles of embankment from 18 to 20 feet high. In Ross County are Clark's Works, 2,800 feet long and 1,800 broad, enclosing some smaller works and mounds.

A subterranean Lake is supposed to exist at Bryan, in Williams County, as water when bored for is found at a depth of 40 or 50 feet, at all times and in great abundance; and fish, too, sometimes coming up with it.

Ohio owes her wonderful prosperity—her almost marvellous growth in the period of half a century, from a wild forest tract to the proud rank she now holds among the greatest of the great American States—mainly to the rich

capabilities of her generous soil and climate. Nearly all her vast territory is available for agricultural uses. In the amount of her products of wool and of Indian corn, she has no peer in all the land—while she is exceeded by only one other State in her growth of wheat, barley, cheese and live stock; by only two States in the value of her orchards, oats, potatoes, buckwheat, grasses, hay, maple sugar and butter. Tobacco also is one of her staples, and among other articles which she yields abundantly, are hops, wine, hemp, silk, honey, beeswax, molasses, sweet potatoes, and a great variety of fruits. Her vines, which are known and esteemed every where, have yielded, in the vicinity of Cincinnati alone, half a million of gallons of wine in a year.

In the forests and woodlands are found the oak, the sugar and other maples, the hickory, the sycamore, poplar, ash and beech—the pawpaw, the buck-eye (Ohio is called the Buckeye State), the dogwood, and many other trees.

Railways. If Ohio were famous for nothing else, her railways would immortalize her name. The very best way to catalogue these iron roads here would be to say, that no matter between what two given points you may desire to pass, you will be sure to find a locomotive to drag you. In round terms, several thousand miles of railway are in operation in this State, with yet many other routes in progress. Ohio, and her neighbors, Indiana and Illinois, form the great triumvirate of locomotive States. Looking upon the map, no one would attempt the vain labor to unravel the intricate web which the restless spider Travel has woven all over this region. "*Ironing done here*" seems to be the sign of the land, as it was over Punch's map of the world, during the railway mania in England. Happily, many as are the roads, they are not too many, but all contribute to the prosperity and glory of the country, near and afar off.

Ohio, in the number and population of her cities and towns, exceeds all the States of the West. To Cincinnati, her chief commercial metropolis, her peers



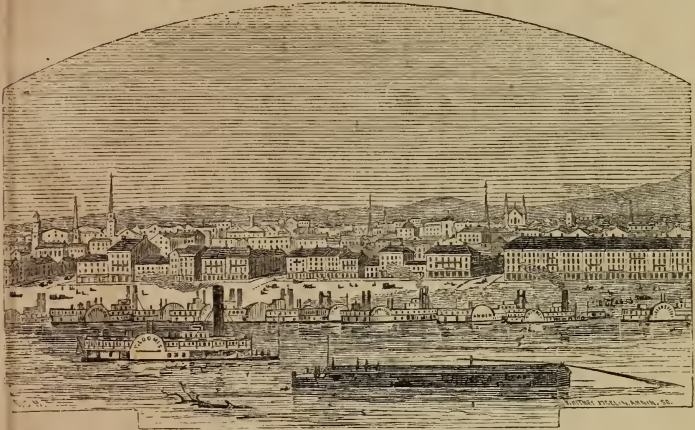
- REFERENCES.
- 1 Court House
 - 2 Mechanics Institute
 - 3 Medical College
 - 4 Apollo Building
 - 5 Melodeon
 - 6 Exchange & Mercantile Library Association
 - 7 City Hotel
 - 8 Cincinnati Art Union
 - 9 National Theatre
 - 10 Broadway Hotel
 - 11 Masonic Hall & Post Office
 - 12 Old Fellows Hall
 - 13 Burnet House

PLAN OF
CINCINNATI
AND
VICINITY.

Scale of 1/4 a Mile.



City of Cincinnati—Routes—Hotels, etc.



Steamboat Landing, Cincinnati, Ohio.

have conceded the royal title of "the Queen City." New Orleans alone, in all the vast valley of the Mississippi, surpasses it.

Cincinnati—From *New York*. By Hudson River or the Harlem Railway to Albany, and thence by the Central Railroad to Buffalo, or by the N. Y. and Erie Railroad to Dunkirk or Buffalo, 459 miles; from Dunkirk, or Buffalo, above (N. Y.), *via* Erie (Penn.) by the Cleveland and Erie Railroad, along the shore of Lake Erie to Cleveland (Ohio), 142 miles; Cleveland and Columbus Railroad, 135 miles, to Columbus; Little Miami Railroad, 120 miles, to Cincinnati. Total distance from New York, 856 miles.

From *Philadelphia*. By Pennsylvania Railroad, 355 miles, to Pittsburg, (Pa.), 187 miles to Crestline, 60 miles to Columbus, 120 miles to Cincinnati. Total, 722 miles.

From *Baltimore*. Baltimore and Ohio Railroad, 397 miles, to Wheeling (Va.), Central Ohio *via* Zanesville to Columbus, 141 miles; Little Miami Railroad, 120 miles, to Cincinnati. Total, 658.

From *St. Louis*. Ohio and Mississippi Railway.

From *New Orleans*. Mississippi and Ohio River Steamers.

Hotels.—The *Burnet House* (Coleman) pleasantly and centrally located on Third and Vine streets, \$2 50 per day; the *Spencer House*, near the Landing; *Broadway Hotel*, near the River and Landing; *Walnut Street House*, Walnut and Guano streets, \$1 50 per day; *George Selves' Restaurant*, Third street.

"The Queen City of the West," as Cincinnati is called, is the largest capital of the Mississippi region, and with its population of 200,000, it is the fifth in extent and importance in all the Union. Its central position on the Ohio River has made it a receiving and distributing depôt for all the wide and rich country tributary to those great waters. The city is delightfully situated in a valley of three miles extent, enclosed by a well defined *cordon* of hills, reaching, by gentle ascent, an elevation above the river of some 400 feet. These high points command imposing views of the city and its surroundings, far and near.

The chief portion of Cincinnati lies upon two plateaus or terraces, the first 50 feet above low-water mark, and the second 108 feet. The upper plain slopes gradually, for a mile, to the foot of Mount Auburn—a range of limestone hills, charmingly embellished with villas and vineyards. The city occupies the

river shore for more than three miles, and, including the suburban villages, for a much greater distance. The central and commercial quarter is well and compactly built. The streets are mostly of good width, well paved and well lighted with gas. The principal thoroughfares are Broadway, Main, Pearl and Fourth streets. Main street, the great business highway, five and a half miles long, traverses the city from the Steamboat landing—an open area of 19 acres, with 1,000 feet front, and is intersected at right angles by 14 leading streets, named First, Second, Third, Fourth, and so on. Pearl street, parallel with the river, is the great jobbing mart. Fourth street is the "Fifth Avenue," of the Town, a long, wide, elegant and fashionable promenade upon the crown of the First Terrace, following the course of the river and overlooking its waters and windings. Fifth street contains the markets, and displays a scene of busy life through an extent of three or four miles.

PUBLIC BUILDINGS. The *Cincinnati Observatory* has a beautiful situation upon Mount Adams, in the eastern part of the city. It commands an extensive view of the Ohio, and of the surrounding country. It can be distinctly seen by the traveller, from the steamboat, in passing up or down the river. It occupies four acres of land, the gift of Mr. Nicholas Longworth. It was built by the voluntary contributions of the citizens, who gave \$25 each, towards the erection of the building and the purchase of appropriate instruments. Much, however, is due to the energy and perseverance of Professor Mitchel, to whose unceasing labors they are principally indebted for the result. The corner-stone was laid on the 9th November, 1843, by the late John Quincy Adams, who called the edifice a "light-house of the skies." The telescope is of unsurpassed finish, accuracy, and power, made by Mentz & Mahler, of Munich, artists of the highest reputation. Its cost was \$10,000.

The Masonic Hall stands on the north-east corner of Walnut and Third streets;

it was erected at an expense of \$30,000. A portion of the ground floor is occupied by the Post Office.

The Merchants' Exchange, or Cincinnati College, a beautiful new building, is situated in Walnut street, between Fourth and Fifth streets. It is of the Grecian Doric order, three stories high, exclusive of an attic, and 140 feet front, 100 deep, and 60 in height. The Exchange and Reading-room is 59 feet by 45, and one of the finest in the United States.

The Mercantile Library Association is in the same building as the Exchange, and on the same floor; it had, in 1853, no less than 2,300 members, and 13,000 volumes, besides a very large supply of American and foreign newspapers, periodicals, &c.

The Odd Fellows' Hall, a fine building, is on the north-west corner of Walnut and Third streets. The public hall occupies the whole of the second story, is 62 feet by 46, and is not inferior to any other similar room in the country; it is well lighted with gas, and is used for concerts, lectures, &c.

The Ohio Medical College is in South Sixth street, between Vine and Race; it contains a large lecture-room, library, &c., the latter having several thousand well-selected standard works, purchased by the State. The cabinet belonging to the anatomical department is amply furnished.

St. Peter's Cathedral is, perhaps, the finest building of its kind in the West; it is situated on Plum street, corner of Eighth, and is devoted to the services of the Roman Catholic Church. The building is 200 feet long by 80 broad, and 60 feet high. The roof is principally supported upon 18 freestone pillars, formed of a fluted shaft, with Corinthian tops, three and a half feet in diameter, and 35 feet in height. The ceiling is of stucco-work, of a rich and expensive character. The roof is composed of iron plates, whose seams are coated with a composition of coal, tar, and sand, which renders it impervious to rain. The building cost \$90,000, and the ground \$24,000. At the west end of

Cincinnati—Theatres—Suspension Bridge.

the church is an altar of the purest Carrara marble, made by Chiappri, of Genoa; it is embellished with a centre-piece, encircled with rays, around which wreaths and flowers are beautifully carved. An immense organ occupies its opposite end, having 2,700 pipes and 44 stops. One of the pipes is 33 feet long, and weighs 400 pounds. The cost was \$5,500. Several paintings occupy the walls, among which is a St. Peter, by Murillo, presented to Bishop Fenwick by Cardinal Fesch, uncle to Napoleon.

The Episcopal Church, corner of Seventh and Plum streets, and the First Presbyterian, corner of Main and Fourth, are notable edifices. Besides these, there are, all told, more than 100 churches of every shade of faith and doctrine in Cincinnati.

The City Hall is in Plum street, between Eighth and Ninth. It is a comparatively new structure. In the Melodeon, Fourth and Walnut streets, there is a fine public hall 100 by 60 feet.

Theatres. The National, Sycamore between Third and Fourth streets, is the oldest establishment in the city. Wood's Theatre, corner of Vine and Sixth streets, is a new and fashionable place of resort; where the "legitimate drama" is done. There is also a Museum called the "Western."

The Cincinnati College, the Woodward College, and the St. Xavier (Catholic), three Medical Schools, a College of Dental Surgery, and the Lane (Theological) Seminary, a Baptist, and an Old School Presbyterian Seminary, are the chief educational establishments of the city, excepting an abundant supply of excellent private and public academies and schools.

The Mechanics' Institute, Vine and Sixth streets, makes annual exhibitions of industrial art.

The chief Benevolent Institutions are the Lunatic Asylum, the Commercial Hospital, four Orphan Asylums, the Widows' Home, Asylum for Indigent Females, the House of Refuge, and the Hotel for Invalids.

The Suspension Bridge is a magnificent structure, now in process of erection across the Ohio River. A correspondent of the New York Evening Post, writing of this great work (December 7th, 1856), says—

"The Ohio River is really to be bridged at Cincinnati; not as it was last winter, by ice, and in defiance of the constitution of the United States—but by a splendid structure, that will stand against all weathers and freshets.

"John A. Roebling, Esq., architect of the Niagara Suspension Bridge, is at work, "hammer and tongs," building the towers of a structure on the same general plan, though not adapted for the passage of a railroad, as it might be with greater cost. This project has been long talked of, and the charter, I believe, was granted some years ago by the legislatures of Kentucky and Ohio. It was not till a quite recent date that subscriptions of stock could be secured to make a beginning. Some enterprising men have procured \$350,000, and will probably issue bonds for as much more, which will complete the bridge. The progress of the work is very interesting. The towers, the foundations of which are laid 86 by 52 feet at the base, will be 230 feet high, and 1006 feet apart. The cables will be anchored 300 feet back on each side of the river, pass over the tops of the towers, and thus be made to sustain the weight of the bridge. The entire span will therefore be 1606 feet—a little short of one third of a mile. The elevation of the floor at the middle, above low-water mark, will be 122 feet. The great flood of 1832—the highest on record—rose 62 feet above low water; and, making allowance even for this, there will remain 60 feet, which is considerably more than will be required for the highest steamboat pipes on the river. It will be a novel spectacle to look down on those splendid floating palaces passing under the magnificent span.

"The highest grade of ascent at either end will be 7 feet in 100, and the strength of the bridge will be equal to

Cincinnati and Vicinity—North Bend—Cleveland.

every thing but a railroad train. The foundations were begun on the 1st of September, and the structure will be completed in three years from that time."

The **Residence of Mr. Longworth**, at the foot of Mount Adams, north-east end of the city, is a charming seat, with its vineyards, gardens, and conservatories, and its art-treasures. Mr. Longworth's name is familiar abroad, in connection with the culture of the grape, for which Cincinnati is so distinguished; for everybody knows and esteems the "sparkling Catawba" of this neighborhood.

In early times (that is, 15 years ago) Dear Creek, a green-margined, pebbly stream, wound gayly along the base of Mount Adams; now it is an underground sewer, carrying off the blood and offal of the extensive pork-killing and packing establishments, for which Cincinnati is so greatly renowned.

Vicinity.—For *Covington and Newport*, cities of Kentucky across the Ohio, from Cincinnati, see chapter on Kentucky; also, for the *Latonian Springs*, near by.

A short distance from the city, in its north part, are two beautiful villages—*Mt. Auburn* and *Walnut Hill*—occupied chiefly as country seats, by persons whose business is in the city. The latter place is the seat of Lane Seminary.

Spring Grove Cemetery is situated in the valley of Mill Creek, about four miles north-west of the city. It has a beautiful location, and contains about 168 acres. The road thence is a famous equestrian route.

North Bend, the Home and Tomb of General Harrison, is 16 miles below the city, in full view from the river. The venerable homestead of the regretted chieftain and President (now occupied by his son-in-law, Col. Wm. H. Taylor), is a plain wooden structure, some portions of weather-boarded logs, all agreeably embowered in shading trees. It lies some 250 yards back of the river. The grave of the departed hero is upon a knoll, some 200 yards both from the water and from the

house, its position marked by a single white shaft. In the rear, upon the hill-top, there is a romantic little lake.

Running along the base of the hills, on the west of the town, is Mill Creek, three or four miles up which is the *Mill Creek House*, a famous resort of jolly excursionists, bent upon "having a time."

"Over the Rhine."—The Miami Canal divides Cincinnati north and south, the upper portion being known to the initiated as "Over the Rhine." It is the German quarter, and has a German theatre, with lager-bier, pipes and tobacco, Schiller and Goethe, daily, but Sundays especially.

The *Race Course* lies two miles below Covington, across the Ohio.

The *Buckeye House*, opposite the Race Course, on the upper side of the river, is four miles below the city. This popular excursion terminus is kept by "Old Joe Harrison," so called, a rosy, hazy, Indian summery Boniface. His guests come to him on fast horses, and tarry long beneath his ancient and hospitable roof. This neighborhood is a fine pigeon or trap-shooting ground. In the shallows and surfy ripples of the Ohio hereabouts, salmon are taken with rod and line heavily leaded.

Cleveland.—From New York, by the New York and Erie Railway, to Dunkirk, on Lake Erie, 459 miles. The lake steamers, or the Lake Shore route R. R. (via Erie, Pa.), 142 miles. Total, New York to Cleveland, 596 miles. Or, from New York, by Hudson River and Central roads to Albany and Buffalo, thence as above, 627 miles.

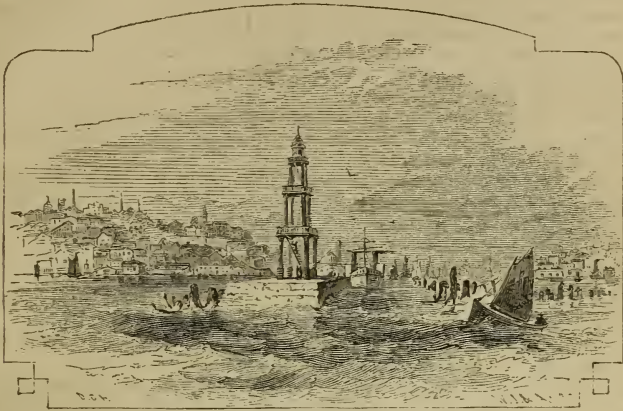
From Philadelphia, Penn. R. R., 355 miles to Pittsburgh, etc. From Baltimore, via Harrisburg, thence to Pittsburgh, Pa., or by the Baltimore and Ohio route to Wheeling, etc.

From Cincinnati, see Cincinnati from Cleveland; from Chicago, see Chicago, from Cleveland.

Hotels.—The *Weddell House*, Bank and Superior streets, \$2 per day; the *Angier House*, Bank and St. Clair streets, \$2 per day.

Cleveland, after Cincinnati, is the

City of Columbus.



Cleveland, and part of Ohio City.

chief city of Ohio, with a population (the suburb of Ohio city included) of over 41,000, in 1853—a number greatly increased since that period. Though not very attractive, as seen from the waters of Lake Erie, on the lower shore of which it is built, the topography here is yet very admirable and pleasing, as the visitor will confess when he passes from the Lower to the elevated terrace of the Upper Town, and looks abroad over the city and the waters of the boundless lake.

The streets are wide, regular, well paved, and most agreeably shaded. Main street, the great business depot, is 120 feet broad, long, and compactly built. Near the centre of the town there is a public square, occupying ten acres.

The *Court House*, the *Exchange*, the *Medical College*, the *Hotels*, and some of the *Churches*, are noteworthy structures here. The *Western Reserve Medical College* has between 200 and 300 students. The Homœopathic Medical School was founded in 1850, and the *Engineers' and Mechanics' College* in 1854. The Cuyahoga Works, for the manufacture of locomotives, are very extensive.

Across the Cuyahoga River, which comes into Lake Erie at Cleveland, is the suburban quarter called Ohio City.

Columbus, the capital of Ohio. To reach Columbus from New York, Philadelphia, and intermediate places, see Cincinnati for route thence to that city, as far as Columbus. From Cleveland (Lake Erie), south-west, 135 miles, by the Cleveland, Columbus, and Cincinnati road; from Cincinnati, by the same route, north-east, 120 miles; from Wheeling, Va., terminus of Baltimore and Ohio road, 141 miles west, by the Ohio Central; from Pittsburg, on the Pennsylvania road, by the Steubenville and Indiana route, via Steubenville and Zanesville, Ohio.

Hotels in Columbus. The *Veil House*, \$2 per day.

Columbus is near the centre of the State, upon the banks of the Sciota River, 90 miles from its debouchure on the Ohio. It was founded in the wilderness in 1812, and in 1853 had a population of some 25,000. It is the centre of a rich country, which is daily adding to its extent and opulence. Some of the principal streets are 100 and 120 feet in width, and elegantly built.

Many of the public edifices are of very striking character. The *Capitol*, which is constructed of a marble-like limestone, has a façade of more than 300 feet, and an elevation, to the top of the rotunda, of 157 feet. Then there are, besides, the *Ohio Lunatic Asylum*, the *Institution for the Blind*, the Asylum for the Deaf and Dumb, and the State Penitentiary, all fine buildings. The Starling Medical College, endowed by the late Lyne Starling, was established here some few years ago. It occupies a Gothic edifice of brick, capped with a whitish limestone.

At *Eastwood*, close by, the traveller may see the gardens of the Columbus Horticultural Society, and the grounds of the Franklin County Agricultural Society.

Dayton is at the meeting of various railway lines; from Cincinnati, 60 miles, by the Hamilton, Cincinnati, and Dayton road; from Xenia, 16 miles; from Columbus, 55 miles; from Zanesville, 114 miles, and from Wheeling (Va.), 196 miles, on the direct route from Baltimore to St. Louis. By the same route (from the West), 108 miles from Indianapolis, 181 from Terre Haute, and 368 from St. Louis.

The Mad River enters the Great Miami at Dayton, and it is also upon the line of the Miami Canal. This is one of the most populous and enterprising cities in Ohio. The situation is pleasant, and the streets, which are of remarkable width, are built with more than wonted elegance and richness. Many of the public edifices and private mansions are constructed of excellent limestone and marble, which abounds in the vicinage. In 1853, the population of Dayton amounted to nearly 17,000.

Zanesville is upon the route from Baltimore to Columbus, Cincinnati, Indianapolis, and St. Louis (see those cities for routes thither); from Wheeling, Va., 82 miles by Central Ohio line; from Columbus, by same road, 59 miles; from Cincinnati (Cincinnati, Wilmington, and Zanesville road), 167 miles.

The position of Zanesville upon the Muskingum River, and in the midst of

a rich and populous valley region, promises an indefinite continuation of its past success, which has been upon the scale common to the cities of the West. Settlements were first made here in 1799, and here was the seat of the State Government during the two years immediately preceding the selection of Columbus as the capital in 1812.

Chillicothe is on the Sciota River and the Ohio and Erie Canal, 45 miles below Columbus, and the same distance from the Ohio at Portsmouth. It is upon the Cincinnati and Marietta Railway, extending from Parkersburg, on the Ohio, a terminus of the Baltimore and Ohio road, to Cincinnati. From Cincinnati, 96 miles.

The fine hill-slopes which enclose the valley site of Chillicothe contribute greatly to the unusually attractive aspect of the landscape here. To describe the topography of this pleasant city would be but to repeat what we have already said of many other places on the fruitful plains of Ohio and the neighboring States—to talk only of spacious and regular streets, substantial and elegant buildings, all telling eloquent tales of prosperity and progress.

This city was founded in 1796, and was the capital of the State between the years 1800 and 1810.

Springfield is in the midst of railways, 84 miles above Cincinnati, on the direct route thence from Sandusky City on Lake Erie, and 129 miles below Sandusky; from Columbus, 45 miles.

The Mad River and the Lagonda Creek meet at Springfield. These rapid waters afford abundance of fine mill-sites, which are all well employed by the manufactories of the town. This city is regarded as one of the most beautiful in the State, both in its position and in its construction. It is interesting as the birth-place of the famous Indian warrior Tecumseh.

Steubenville is upon the Ohio River, on the eastern boundary of the State, and on the great railway route from Philadelphia, via Pittsburg, and from Baltimore, via Wheeling, Va., to Cincinnati, and all points in the West.

Sandusky and Toledo—Ohio—State of Indiana.

The history of Steubenville dates from 1798. Railroad communication with the great world has of late years given to it, no less than to its neighbors, a new and strong impetus forward. The position of the town is upon high terrace land, overlooking a smiling and happy country in all directions.

Sandusky City is upon Lake Erie, on the line of the Lake Shore Railways, from Dunkirk and Buffalo (N. Y.) to Toledo, Chicago, Cincinnati, etc. From Cleveland, 61 miles; from Toledo, 52 miles; from Cincinnati, 213 miles; from Dunkirk (N. Y. and Erie road), 203 miles; from New York, 662 miles.

The first church in Sandusky was built as late as 1830, and now the city is one of the most populous and opulent in the State. Its eligible position on the busy waters of Lake Erie and its beautiful harbor ensure it continued growth and prosperity.

Portsmouth is upon the Ohio, in the

south-east part of the State. A railway extends northward to the line of the road from Cincinnati to Marietta and Wheeling (Va.) See Chillicothe. The river steamers from all points call here.

Toledo is upon the Maumee River, four miles from its entrance into Lake Michigan, and upon the great railway route from the eastern States westward. It is 52 miles west of Sandusky City, 113 miles west of Cleveland; 255 miles from Dunkirk (Erie road); 714 miles from New York, and 243 miles east of Chicago, by the Michigan Southern route.

Toledo is the terminus of the Wabash and Erie Canal, the largest in the United States. Its history as a city dates only from 1836, but it is already one of the chief commercial stations of the commerce of the Great Lakes.

The *American Hotel*, Summit and Elm streets, is an excellent house here.

INDIANA.

INDIANA extends about 275 miles from North to South, and 135 from East to West; on the North is the Lake and State of Michigan; on the East, Ohio; on the South, Kentucky (across the Ohio River); and on the West, Illinois (across the Wabash).

Topographically, this State bears a great resemblance to its neighbor, Ohio. In the South, bordering on the Ohio, is the same hilly surface; and above, the same, undulating or level land, of a more marked prairie character sometimes, and perhaps more of barrens and marshes northward. In this direction a great pine tract abuts on Lake Michigan in sand-hills of 200 feet elevation. The river lands are almost always rich and fertile.

As in surface, so in soil and climate, Indiana is very like Ohio. In the production of Indian corn, she is the fourth State in the Union, Ohio being the first. The other products are much the same as those we have credited to her great sister State. (See Ohio.)

Coal, iron, copper, marble, freestone, lime and gypsum are found here.

The Ohio forms the entire southern boundary of Indiana, and receives the waters of nearly all the other rivers of the State.

The Wabash, after the Ohio, the largest river of the region, flows 500 miles, crossing the State and separating

it in the lower half, from Illinois. It is the largest tributary—from the north—of the Ohio, which it enters 140 miles from the Mississippi. In its passage, it passes Huntington, Lafayette, Attica, Terre Haute, Covington and other towns. It is navigable at high water

for nearly 400 miles. The Wabash and Erie Canal follows its course from Huntington to Terre Haute, 180 miles.

The White River, the principal tributary of the Wabash, is formed by the two branches called the East and West Fork, which unite near Petersburg. It enters the Wabash after a course of some 40 miles—nearly opposite Mount Carmel, Illinois. Upon the West Fork, the longest branch of the White River flows south-west nearly 300 miles through the centre of the State, passing, among other places, Muncie, Anderson, Indianapolis, Martinsville and Bloomfield. On the East Fork are New Castle, Shelbyville, Columbus and Rockford. This Fork is 200 miles in length. It is sometimes called Blue River, until it reaches Sugar Creek near Edinburg.

The Maumee, which is formed in Indiana by the St. Joseph's and the St. Mary's rivers, passes into Ohio, where we have already met it.

Besides these rivers, there are many other lesser waters. Lake Michigan washes the northern border of the State for 40 miles. In this region there are also a number of other small lakes and ponds.

The most interesting natural curiosities here, (the peculiar landscape features of the region, in prairie reaches and richly wooded river banks excepted,) are the numerous and remarkable caves.

The Wyandotte Cave in Crawford County, 11 miles from Corydon, is a wonderful place, thought by many to equal in its marvels the famous Mammoth Cave of Kentucky. It has been explored for a number of miles, and has been found rich in magnificent chambers and galleries, in stalactites and other calcareous concretions.

Epsom Salts Cave is another notable place. It is on the side of a hill, 400 feet in height. Among its wonders, is a white column 30 feet high and 15 feet in diameter. It is regularly and beautifully fluted, and is surrounded by other formations of the same character. Epsom salts, nitre, gypsum and allumi-

nous earth are found in the soil of the floor here. Another curious object is the picture of an Indian rudely painted on the rock.

Ancient Mounds and earth-works are scattered over this State, as through Ohio.

Railways.—In our peep at Ohio, we have alluded to the wonderful reticulation of railway tracks, which so marks this State and its neighbors both East and West. These iron roads link all parts of Indiana to each other, and unite it thoroughly with all the Union from the Atlantic to the Mississippi. The railways here, as in Ohio, on the one side, and Illinois on the other, are links of the great highways across the Republic westward. Half a dozen trains often start together from the same depot in Indianapolis, the Capital, radiating to all points of the compass.

Indiana has at present but few large cities, the most populous not numbering, perhaps, more than 20,000.

Indianapolis, the capital of Indiana, is in the centre of the State, and is the radiating point of railways in every direction. To reach the city direct from New York, see route thence to Cleveland on Lake Erie; from Cleveland, take the Cincinnati and Columbus road to Crestline, and the Bellefontaine and Indiana route thence to Indianapolis. Distance from Cleveland, 281 miles; from New York, 840 miles.

From *Philadelphia*, see route thence to Cincinnati as far as Columbus, Ohio—from Columbus, proceed by the Columbus and Xenia, the Dayton and Western and the Central Indiana roads.

From *Baltimore*, by the Baltimore and Ohio Railway to Wheeling, the Ohio Central to Columbus, and thence as in preceding route from Philadelphia.

From *Cincinnati*, by the Cincinnati and Indianapolis Railway, direct.

From *Louisville, Ky.*, by the Jeffersonville road, 108 miles.

From *St. Louis*, by the Ohio and Mississippi and the Jeffersonville roads.

Indianapolis may be readily reached, also, by railway from Chicago, and nearly every other city of the West.

Indianapolis—New Albany—Madison.



The State House, Indianapolis.

Hotels in Indianapolis.—The *Bates House*, \$2.00 per day; the *American*, (opposite the Depot,) \$1.50 per day.

The locale of Indianapolis was selected for the State Capital in 1820, at which time the whole region was a dense forest. Five years later, the public offices were removed hither from Corydon, and now, broad and beautiful and populous streets, lined with costly and elegant edifices and dwellings, are every year spreading farther and farther over the great plain.

The *Railway Station* here is an edifice of magnificent proportions, with a frontage of 350 feet, and trains are momentarily leaving it for every point of the compass. Some of the very many *Churches* are imposing structures. The *State House* is a fine building, 180 feet in length, ornamented on each side with a grand Doric portico, and surrounded by a noble dome. The *Court House*, the *Masonic Hall* and the *Bates Hotel* will attract the particular notice of the visitor here.

Indianapolis is the seat of the *Indiana Medical College*, founded in 1849; here, too, is the *State Lunatic Asylum*.

New Albany, one of the chief cities of the State, is upon the Ohio River, three miles below Louisville, and two miles below the Falls. From Cincinnati,

136 miles. See Cincinnati and Louisville for routes to those points. The New Albany and Salem Railway comes to Albany, 288 miles from Michigan City, on Lake Michigan, where it connects with the routes to Chicago and the north-west, and with the Michigan Railways for Detroit, Niagara, and the Canadas, and with the lake-shore lines to New York via Dunkirk and Buffalo. The Jeffersonville Railway from Indianapolis, the capital, 108 miles above, terminates at Jeffersonville, just above New Albany, and opposite Louisville. The lines intersect and communicate with others, for all the towns of the Western States. Steamboats arrive and depart continually for all landings on the Ohio and the Mississippi Rivers and their tributaries. New Albany is one of the two largest commercial depôts of Indiana. In 1854 its population numbered some 14,000, and it has since very greatly increased. The aspect of this city is very like that of most towns on the level prairie lands of the West, broad, regular, well-built, and agreeably shaded streets, with a general air of life and prosperity.

Madison (population 12,000 in 1853), is upon the Ohio, 90 miles below Cincinnati; 40 miles above Louisville; and 86 miles south-east of Indianapolis.

Fort Wayne and Terre Haute—State of Illinois.

See Cincinnati and Louisville for routes thither. From Cincinnati take the steamers on the Ohio River, or the Mississippi and Ohio route for St. Louis to Vernon, and the Jeffersonville road from Indianapolis.

Madison is in a pleasant valley, of three miles' extent, shut in on the north by bold hills, 400 feet in height. It was first settled in 1808.

Fort Wayne, in the north-east part of the State, is a great railway centre, on the grand route from New York via Cleveland and Toledo on Lake Erie, and from Canada via Detroit, to Springfield (Illinois), and St. Louis. It is the western terminus of the Ohio and Indiana Road, which connects at Crestline with the Ohio and Pennsylvania, for Philadelphia. The St. Joseph's and St. Mary's Rivers form the Maumee at this point, and the Wabash and Erie Canal comes in 122 miles from La Fayette, and 112 miles from Indianapolis. Fort Wayne was the ancient site of the Twight-wee village of the Miami Indians. The fort which gives name to the town, was erected here in 1794, by the command of General Wayne. It continued to be a military post until 1819. The Miamis were not removed westward until 1841.

Terre Haute is on the western boundary of the State, upon the Wabash River; the Wabash and Erie Canal, and the great line of railways crossing Ohio,

Indiana, and Illinois; from Wheeling, Va., through Zanesville, Columbus, Xenia, and Dayton, Ohio, Indianapolis, Indiana, and extending westward to St. Louis; communicating with Cincinnati, Louisville, Chicago, Cleveland, and all other points.

The town is most pleasantly situated upon a bank 60 feet above the Wabash. Fort Harrison Prairie, which sweeps away to the eastward, is famous for its charming landscape.

La Fayette is upon the Wabash River, and the Wabash and Erie Canal, and at the intersection of the New Albany and Salem Road from Michigan City on Lake Michigan, to New Albany on the Ohio; the La Fayette and Indianapolis Road from Cincinnati, via Indianapolis and the Toledo, Wabash, and Western road from Toledo on Lake Erie; from Toledo (railway always) 203 miles; from Indianapolis, 64 miles; from New Albany (Ohio river), 197 miles; from Michigan City (Lake Michigan), 91 miles.

Evansville is upon a high bank of the Ohio, near the south-west extremity of the State, 200 miles from the Mississippi, and the same distance below Louisville in Kentucky. A railway extends north to Vincennes on the Ohio and Mississippi route (between Cincinnati and St. Louis) to Vincennes, 51 miles, and to Terre Haute 109 miles (from Evansville).

ILLINOIS.

ILLINOIS extends northward 380 miles, and westward (at the extremest point) 200 miles. Wisconsin lies on the north, Lake Michigan and Indiana on the east, Kentucky on the south (the Ohio between), and Missouri and Iowa on the west, the Mississippi intervening.

The general surface of the country here, as in Indiana and Ohio, is that of elevated table lands inclined southward, though it is more level than the neighboring States. In the lower portions there is a small stretch of hilly land, and some broken tracts in the north-west; and upon the Illinois River there are lofty bluffs, and yet higher and bolder points on the Mississippi.

The Prairies. The great landscape feature of Illinois is the prairie country, this unique phase of Nature being seen here in its most marked and hap-

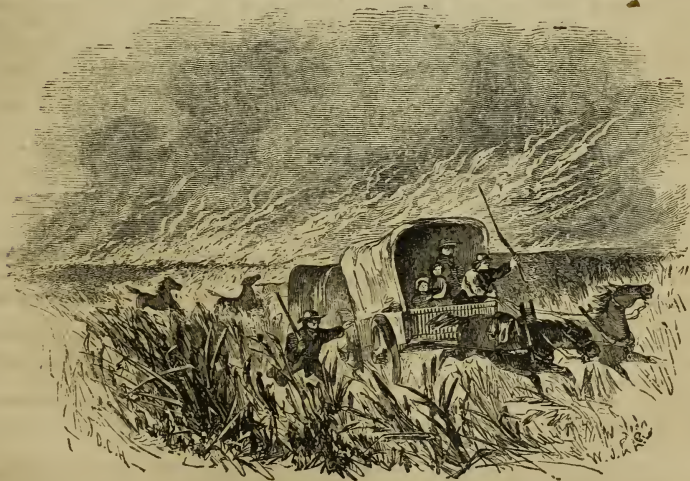
Prairies—Products.

piest humor. No matter what may be its character, every work of art or nature, earnestly and magnificently done, affects and interests the human mind and heart. The want of variety and caprice which are ordinarily essential to landscape attraction, are more than compensated in the prairie scenery, as in that of the boundless ocean, by the impressive qualities of immensity and power. Far as the most searching eye can reach, the great unvarying plain rolls on; its sublime grandeur softened, but not weakened by the occasional groups of trees in its midst, or by the forests on its verge, or by the countless flowers every where upon its surface; any more than is the sea, by the distant sail here and there, by the far-off surrounding hills, or by the glittering sparkles of its crested waves.

The **Grand Prairie**, here, is the most striking example in the country of this aspect of Nature. Its gently undulating plains, profusely decked with flowers of every hue, and skirted on all sides by woodland copse, rolls on

through many long miles from Jackson County, north-east, to Iroquois County, with a width varying from one to a dozen or more miles. The uniform level of the prairie region is supposed to result from the deposits of waters by which the land was ages ago covered. The soil is entirely free from stones, and is extremely fertile. The most notable characteristic of the prairies, and their destitution of vegetation, excepting in the multitude of rank grasses and flowers, will gradually disappear, since nothing prevents the growth of trees but the continual fires which sweep over the plains. These prevented, a fine growth of timber soon springs up; and as the woodlands shall be thus assisted in encroaching upon, and occupying the plains, human settlements and habitations will follow, until the prairie tracts shall be overrun with cities and towns.

The **Agricultural Capabilities** of Illinois are not surpassed any where in the Union. The soil on her river bottoms is often 25 or 30 feet deep,



Prairie on Fire, Illinois.

and the upper prairie districts are hardly less productive. The richest tracts in the State are the great American Bottom, lying along the Mississippi, between the mouths of the Missouri and the Kaskaskia Rivers, a stretch of 80 miles, the country on the Rock River and its branches, and that around the Sangamon and other waters. Forty bushels of wheat, or 100 bushels of Indian corn to the acre, is a common product here. In the growth of Indian corn, Illinois ranks as the third State in the Union; and her population and the amount of land employed considered, she is the first. In respect to other agricultural staples and products, what we have said of the adjoining States of Ohio and Indiana, may be repeated of Illinois; so of the forest trees of the country.

In **Mineral Resources** the State is well provided. She shares with the adjoining States of Iowa and Wisconsin, extensive supplies of lead. The trade in this mineral is the chief support of the prosperous town of Galena, in the north-west part of Illinois. More than thirteen millions of pounds of lead have been smelted here in one year. Bituminous coal exists every where, and may be procured in many places without excavation. The Bluffs, near the Great American Bottom, contain immense beds. In the south part of the State iron is said to be abundant; and in the north, copper, zinc, lime, fine marbles, freestone, gypsum, and quartz crystals. Some silver, too, has been said to exist in St. Clair County.

Medicinal Springs, sulphur and chalybeate, are found in various parts of the State. In Jefferson county there is a spring very much resorted to, and in the southern part of the State are some waters, which taste strongly of Epsom salts.

Excepting the speciality of the prairie, the most interesting landscape scenery of this State, is that of the bold, acclivitous river shores of the Mississippi, the Ohio, and the Illinois, more particularly

The Mississippi forms from the entire

western boundary, and many of the most remarkable pictures for which its upper waters are famous, occur in this region, the tall, eccentrically shaped bluffs rising at different points from 100 to 500 feet. The Fountain Bluff, of the Mississippi, is in Jackson County; it is odd in form, is 6 miles in circuit, and 300 feet in height; the summit is full of sink holes. See "*Mississippi River*," elsewhere.

The Illinois, the largest river, here, flows through the centre of the State, south-westerly into the Mississippi, 20 miles above Alton. Exclusive of its branches, the Des Plaines and the Kankakee, its length is about 320 miles. Its navigable waters extend at some seasons 206 miles, to Ottawa, at the mouth of the Fox river. Peoria is upon its banks, 200 miles up. Half a hundred steamboats ply upon this river.

The picturesque heights of the Illinois, called the Starved Rock, and the Lover's Leap, are a few miles only below Ottawa. Starved Rock, 8 miles down the river, is a grand perpendicular limestone cliff, 150 feet in height. It was named in memory of the fate of a party of Illinois Indians, who died on the rock from thirst, when besieged by the Pottawatomies. Lover's Leap is a precipitous ledge just above Starved Rock, and directly across the river is Buffalo Rock, a height of 100 feet. This eminence, though very acclivitous on the water side, slopes easily inland. The Indians were wont to drive the Buffaloes in frightened herds to and over its fearful brink. Lake Peoria is an expansion of the Illinois, near the middle of the State. Above Vermilion River there are some rapids, which boats pass only in periods of high water.

The Ohio bounds the State on its southern extremity. It is in this part of Illinois (Hardin County) that the famous Cave in the Rock of the Ohio shore occurs. See *Ohio River*.

The Wabash, on the Eastern boundary, divides Illinois in the lower portion from Indiana. See *Indiana*.

Rock River flows 330 miles from the neighborhood of Lake Winnebago, in Wisconsin, to the Mississippi, a little

Railways—City of Chicago.

below the town of Rock Island. It enters Illinois at Beloit, and afterwards passes Rockford and Dixon. The course of Rock River is through a rich valley or plain, remarkable for its pictorial interest. The navigation of its waters is much obstructed by rapids; for it is, unlike the sluggish Illinois, a bold, swift stream, with a will and way of its own. Small steamboats ascend sometimes, however, 225 miles, to Jefferson, in Wisconsin.

The **Des Plaines** flows 150 miles from the south-east corner of Wisconsin to Dresden, where it unites with the Kankakee and forms the Illinois.

The **Kankakee** comes from the northern part of Indiana, 100 miles to Dresden. Its course is sluggish and through a region chiefly occupied by prairies and marshes.

The **Sangamon** travels 200 miles to the Illinois, about 10 miles above Bardstown. Small steamers ascend it in high water.

The **Fox River** comes 200 miles from Wisconsin to the Illinois, at Ottawa.

The Vermilion, the Embarras and the Little Wabash, are tributaries of the Wabash from Illinois.

Lake Michigan forms 60 miles of the northern boundary of the State. Excepting the expansion of the Illinois River, called Lake Peoria, and the waters of Pishtaka, in the north-east, there are no other lakes of importance.

Railways abound in Illinois as in all parts of the West. The whole country is traversed in all directions by grand lines of iron road, which unite all its cities and towns to each other and to all the surrounding States. At a moderate count we may speak of the miles of railway here in thousands.

In no part of the Union have towns and cities sprung up so rapidly and in such wonderful growth as in Illinois—increasing so fast in population, that the census of one year is no standard by which to count the people of the next. Chicago, for example, was occupied in 1831 only by the wigwams of

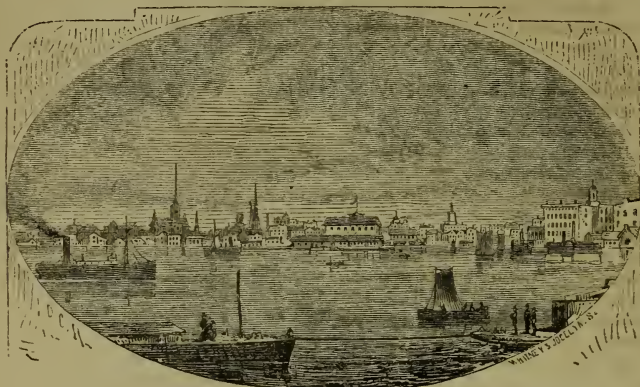
the Indians, and at this day its population numbers nearly 160,000.

Chicago—From *New York*—To Buffalo or Niagara Falls, by the New York and Erie, and the Hudson River and Central railways; from Niagara, by the Great Western Railroad (Canada) to Detroit, and from Detroit through Michigan by the Michigan Central Railroad; or, from Buffalo by the Lake Erie steamers; or the railway on the Lake Shore, through Erie, Pa., Cleveland and Sandusky to Toledo, and thence by the Southern Michigan route.

From *Philadelphia*—Pennsylvania Railroad, 355 miles to Pittsburg; 383 miles by Pittsburg, Fort Wayne and Chicago Railroad to Plymouth; from Plymouth to La Porte, 30 miles; from La Porte to Chicago, 58 miles. Total, 826.

Hotels in Chicago.—The *Tremont House*, corner of Dearbone and Lake streets, \$2 50 per day; the *Biggs' House*, corner of Randolph and Wells streets, \$2 50; *Metropolitan*, opposite Biggs' House, \$2 00; *Richmond House*, (opened October, 1856,) corner Wabash avenue and Lake street, near the Great Central Dépôt.

Chicago is the largest and most important city in Illinois, and, in its rapid growth, the most remarkable in the Union. In 1831 it was only an Indian trading post, and as late as 1840 its population did not number 5,000, while to-day, it can scarcely fall short of 160,000. Its progress so far and its eligible position, seem to point it out as the future commercial metropolis of the north-west. It is in the north-eastern boundary of the State, on the southern shore of Lake Michigan. The site is an extremely level plain, stretching away for long miles in beautiful and fertile prairies. The city is divided into three portions by the two branches of the Chicago River, which unite within a mile of the lake. The streets cross each other at right angles, and are often paved with planks. The Michigan and the Wabash avenues—the one on the lake shore and the other next behind—are noble thoroughfares, in their extent,



Chicago, Illinois.

their architecture, and, more especially, in their fine lines of noble trees.

The business quarter of Chicago is that upon the south side of the river, while the finest private mansions occupy the northern sections.

The most striking of the public edifices here, are the *Merchants' Exchange* and *Court House*, constructed of Lockport limestone, the *Marine Hospital*, built of Milwaukee brick, the *Medical College* and the *Second Presbyterian Church*. This last mentioned edifice is a Gothic structure, with a steeple 200 feet high; and it is more particularly remarkable for the material of which it is made—a singular pitchy stone, seamed with streaks of darker and lighter colors, in odd contrast. There are some seventy or more other churches in the city, many of them of great cost and elegance.

Chicago, with its immense railway and water facilities, is within ready and speedy reach of all the cities and towns of Illinois and the neighboring States, and is an important depôt upon most of the great routes from the Atlantic to all the north-western sections of the Union.

Galena is in the extreme north-west corner of the State, upon the Fevre River, six miles from its entrance into

the Mississippi. It is 450 miles above St. Louis, and 171 from Chicago, by the Galena and Chicago Union Railway. (See Chicago, for routes to that place from the Atlantic cities.) Springfield, the capital of the State, is 250 miles below. The Fevre River, upon a rocky ledge of which Galena is built, may be considered as an arm or bay of the Mississippi. The situation is bold and picturesque, amidst lofty bluffs. The streets rise in terraces, one above the other, communicating by stairways or steps, making a very novel and striking picture. Below, on the levée, are the business depôts. Next come the churches and other public edifices; and yet above, rise, file on file, elegant private dwellings and villas.

Galena is famous as the centre of the great lead-mining districts of the Upper Mississippi. Copper, too, is found in considerable quantity in the country around.

With its railroad and steamboat access to all points of the State, and of the vast territory on the north-west, it promises soon to double and treble its present population of perhaps 12,000.

The *De Soto House* here is an excellent hotel.

Springfield, the capital of Illinois.

Peoria—Alton—Quincy—Rock Island.

From New York, via Buffalo or Dunkirk, N. Y.; Cleveland, Crestline, and Bellefontaine, Ohio; and Indianapolis, Indiana. (See Cleveland and Indianapolis.)

From Cincinnati, via Indianapolis.

From St. Louis, *up* 97 miles, and from Chicago *down* 188 miles, on the Chicago, Alton, and St. Louis Railway.

Springfield lies south-west of the centre of the State, near the Sangamon River, upon the confines of a beautiful prairie district. In the centre of the city is a square, occupied by the State Capitol and other public edifices, and encompassed by spacious and elegant streets. Railways diverge towards all points. The population of Springfield, in 1853, amounted to nearly 7,000.

Peoria lies north-west of the centre of the State, upon the Illinois River, at the meeting of the Peoria Branches of the Chicago and Rock Island Railways. By these routes it is connected, more or less directly, with all the other towns of Illinois and neighboring States. From Chicago, 160 miles; from Rock Island, 114 miles; from Springfield, 70 miles north; from St. Louis, 167 miles.

Peoria is the most populous place upon the Illinois; and, commercially, the most important in the State. "It is situated upon rising ground," says a traveller; "a broad plateau, extending back from the bluff—and the river expanding into a broad, deep lake. This lake is the most beautiful feature in the scenery of Peoria, and as useful as it is beautiful, for it supplies the inhabitants with ample stores of fish; and, in winter, with abundance of the purest ice. It is often frozen to such a thickness that heavy teams can pass securely over it. A substantial drawbridge connects the town with the opposite shores of the river. The city is laid out in rectangular blocks, the streets being wide and well graded. The schools and churches are prosperous, and the society good. A public square has been reserved near the centre. Back of the town extends one of the finest rolling prairies in the State, which already

furnishes to Peoria its supplies, and much of its business." A post was established here by La Salle as early as 1684, but the history of the present town dates only from 1819. The population, in 1853, amounted to 8,000.

Alton is upon the Mississippi, 25 miles above St. Louis, on the Terre Haute and Alton Railway, direct route from Philadelphia, by the Pennsylvania Road to Pittsburg, Pa.; thence to Columbia and Dayton, Ohio, and to Indianapolis and Terre Haute, Indiana. It is 260 miles below Chicago, and 185 below Springfield, by the Chicago, Alton, and St. Louis line.

The Missouri enters the Mississippi three miles below Alton, contributing greatly to the commercial value of its position. It is, besides, one of the best landings on the great river. The present city, of about 10,000 people, has grown up since 1832, at which time the Penitentiary was established here. Upper Alton is the seat of the Shurtleff (Baptist) College.

Quincy (population, in 1856, about 12,000) is upon the Mississippi, 170 miles above St. Louis, and 104 miles west of Springfield; 268 miles from Chicago, by the Chicago and Burlington Road, 168 miles to Galesburg; and thence, 100 miles, by the Northern Cross Railway. By these lines Quincy is connected also with Galena, Rock Island, Peoria, and other cities. The town is built upon a limestone bluff, 125 feet above the river, in the vicinity of a fertile rolling prairie.

Rock Island is two miles above the mouth of the Rock Island River, on the Mississippi, at the foot of the Upper Rapids, which extend 15 miles. It is upon the great highway from the Eastern States to Iowa and the north-west; from Chicago, 182 miles; from Iowa City (westward), 54 miles. This city is named after a large island near by. It is a picturesque and most thriving place.

Peru is upon the Illinois River, and the Chicago and Rock Island Railway, at the intersection of the Illinois Central Road. From Chicago, 100 miles; from

Nauvoo, Ill.—State of Michigan.

Rock Island, 82 miles. The Illinois and Michigan Canal terminates near Peru. The town is very advantageously situated, with such ready and general railway access, and being, too, as it is, at the head of natural navigation on the Illinois River. The population of some thousands is rapidly increasing.

Nauvoo is on the Mississippi River, at the second and last rapids below the Falls of St. Anthony, which extend up the river about 12 miles. It may be easily reached from Quincy, below, or from Burlington, the western terminus of the Chicago and Burlington Railway.

This is the site of the famous Mormon City, which was founded in 1840, by "Joe Smith" and his followers, and once contained a population of 18,000. It is located on a bluff, but is distinguished from every thing on the river bearing that name, by an easy, graceful slope, of very great extent, rising to an unusual height, and containing a smooth, regular surface, which, with the plain at its summit, is sufficient for the erection of an immense city. Nauvoo was laid out on a very extensive plan, and many of the houses were handsome structures. The great Mormon Temple, an object of attraction, and

seen very distinctly from the river, was 128 feet long, 88 feet wide, and 65 feet high to the top of the cornice, and 163 feet to the top of the cupola. It would accommodate an assemblage of 3,000 persons. It was built of compact, polished limestone, obtained on the spot, resembling marble. The architecture, although of a mixed order, in its main features resembled Doric. In the basement of the Temple was a large stone basin, supported by 12 oxen of colossal size; it was about 15 feet high altogether, all of white stone, and well carved. In this font the Mormons were baptized. This building, without an equal in the West, and worth half a million of dollars, was fired by an incendiary, on the 9th of October, 1848, and reduced to a heap of ruins. Joe Smith and a number of his followers were arrested and confined in the county prison, where, in June, 1844, they were put to death by a mob, disguised and armed. Expelled from Illinois, by force of arms, the Mormon community removed to their present settlements, in Utah. Since then, a company of French socialists, led by M. Cabet, have established themselves here.

MICHIGAN.

THE unique character of the scenery of the upper peninsula of Michigan, and the present easy means of access, promise to make the region one of the most popular summer resorts in the Union. Excepting in portions of its southern boundary, this State is every where surrounded by the waters of the Great Lakes, insomuch that it has a coast of much more than a thousand miles. The country is, in shape, something after the position of a reversed letter J, divided into two peninsulas. All the northern shore of the upper portion or top stroke of the J, is washed by the waters of Lake Superior, with Lake Huron, Green Bay and Wisconsin on the south. Of the lower peninsula, Lake Michigan forms the entire western boundary, while on the east, there are Lakes Huron, St. Clair and Erie, and Michigan and Huron on the north. Of this immense lake-coast, 350 miles belong to Lake Superior, as much more to Lake Michigan, 300 to Lake Huron, 40 to Lake Erie and 80 to St. Clair. Besides these grand waters which encompass the State about like a girdle, there are many beautiful ponds scattered over the interior, and bearing thither the picturesque beauty of the shores.

The southern peninsula is more interesting in an agricultural than in a pictorial point of view. It is in surface notably unvaried—a vast plain, indeed,

History—Railways.

undulating but not broken by any elevations worthy of mention. It has, however, peculiar features which will interest the traveller, in its great prairie lands and that special characteristic of the western landscape—the Oak-Openings—a species of natural park meagerly covered with trees.

The shores, however, even of this part of Michigan, are often picturesquely varied, with steep banks and bluffs, and shifting sand-hills, reaching, sometimes, a height of 200 or more feet.

The romantic lands of the "Lake State" are in the upper peninsula, which is rich in all the loveliness of rugged, rocky coast, of the most fantastic and striking character, in beautiful streams, rapids and cascades. Here, making a part of the scenery of Lake Superior, which we have elsewhere visited, are the Wisconsin, or Porcupine Mountains, 2,000 feet in height, and those strange huge castellated masses of sandstone, celebrated as the Pictured Rocks. The famous straits of Mackinaw unite the converging floods of Lakes Huron and Michigan at the extreme northern apex of the lower peninsula, and the beautiful Sault de St. Marie conducts the wondering tourist from Lake Huron to Lake Superior on the north. The St. Mary separates the upper peninsula at its north-eastern extremity from Canada. The Pictured Rocks are about 60 miles west of this passage. Here the famous white-fish and other finny game may reward the patience of the angler.

The rivers of Michigan are chiefly small streams, but many of them, especially those in the mountain districts of the north, are replete with pleasant themes for the pencil of the artist.

The history of this State has more points of interest than we are apt to find in this section of the Union, recording as it does some memorable incidents of Indian adventure and important exploits in the American and English war of 1812. After England had dispossessed the French, who first settled the country in the latter part of the seventeenth century, there arose among the Indian tribes the famous chieftain Pontiac, who availed himself of the opportunity afforded by the outburst of the Revolution, to attempt the entire expulsion of the white invaders of his ancestral lands. This chief planned a general attack upon all the English forts on the lakes; massacred the garrison at Mackinaw, and laid siege, for some months, to Detroit.

From its contiguity to Canada, Michigan was called early into the field in the war of 1812. Detroit was surrendered to the enemy by General Hall, August 15th, the fort at Mackinaw having already been captured. A number of American prisoners of war were butchered by the Indians at Frenchtown on the 22d of January, 1813. The State suffered at this period many trials, until General Harrison at length drove the British into Canada, carrying the war into their own country. Detroit was not surrendered to the United States until 1796. Michigan came into the Union as an independent State in the year 1837.

Railways.—The *Michigan Central* railway crosses the entire southern breadth of the lower peninsula from Detroit, 282 miles, to Chicago, Illinois. It is a link in one of the great Mississippi routes from the Eastern States, via Buffalo and Niagara Falls and Canada.

The Michigan Southern road, in connection with the Northern Indiana, traverses the southern line of the one, State and the upper line of Ohio, 243 miles from Toledo, Ohio to Chicago, Illinois. Like the Michigan Central, it is a part of one of the great Western highways.

Detroit and Milwaukee Railway.

—The route crosses the State above the line of the Central and Southern Michigan road. It will extend from Detroit to the Lake Michigan shore opposite Milwaukee. It is in operation at present 80 miles from Detroit to Owosso.

City of Detroit.

The Great Western (Canada) railway has its western terminus opposite Detroit. The Grand Trunk (Canada) route will terminate opposite Fort Haven, at the southern extremity of Lake Huron.

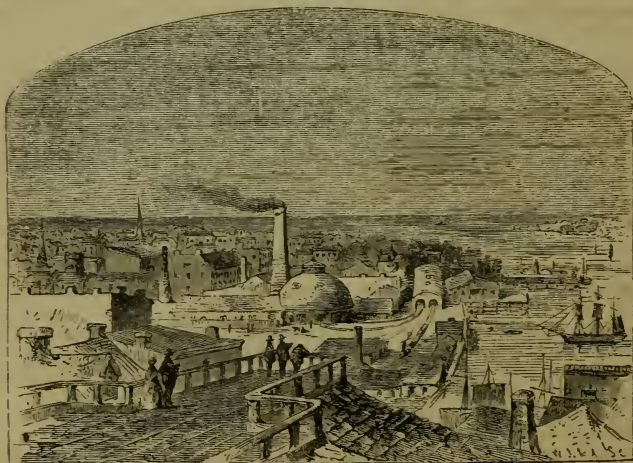
Detroit from New York.—By the Hudson River or Harlem Railway to Albany, thence by the Central Railway to Buffalo or Niagara Falls, or to Buffalo and Niagara by the New York and Erie Railway. (See these routes elsewhere.) From Buffalo or Niagara, take the Great Western Railway (Canada) to Windsor, opposite Detroit. Total distance from New York about 673 miles. Detroit may also be pleasantly reached from Buffalo or Dunkirk, via Cleveland, Sandusky City and Toledo, Ohio, by the railways on the southern shore of Lake Erie, or by the Lake Erie steamers. From Chicago to Detroit, by the Michigan Central or by the Michigan Southern and Northern Indiana railways; distance, 282 miles. Several trains daily on all these routes.

Hotels—The *Biddle House*, Jefferson Avenue, corner of Randolph street, \$2.50 per day. *Michigan Exchange*,

Jefferson Avenue, Shelby and Woodbridge streets.

Detroit is one of the great commercial depots of the West, and the chief city of Michigan. It is pleasantly situated upon the Detroit River, a link in the chain of waters which unite Lake Huron and Lake Erie. This strait, for such it is, gives the city its French name—*dé-troit*. It is here about half a mile in width, and is charmingly dotted with beautiful islands. Detroit occupies a position admirable for business activity, being directly in the way of the flood of travel and transportation from the Atlantic to the Mississippi, and great railways and steamers, with their freights, necessarily paying it tribute. Not only is the city thus commercially alive, but it is distinguished also for its manufactories of many kinds.

Jefferson and *Woodward* avenues, and *Congress street*, are fine thoroughfares. The Campus Martius is a good example of its public squares. There is a fine open area called the *Grand Circus*, towards which the avenues of that part of the city lying back of the river,



Detroit, Michigan.

 Detroit and other Towns—State of Missouri.

converge. The *Old State House* (Detroit was the capital of Michigan at one time) is a noteworthy edifice, with its dome and its tall steeple overlooking the town and its environs, Lake St. Clair above, and the Canadian shores. The City Hall is a brick structure of a hundred feet façade. The Bank of Michigan is an elegant specimen of Grecian architecture. The city, too, possesses a fine Custom House and a Marine Hospital.

Detroit was founded by the French in 1670. The Capital of the State was here until it was removed to Lansing. The present population is approaching 50,000.

Lansing, the capital of Michigan, is upon the Grand River, 110 miles north-west of Detroit. The Detroit and Milwaukee railway, which will cross the State, approaches very near Lansing. At Owosso (the point to which it is already completed from Detroit, 80 miles) it comes within the distance of a short ride. Lansing became the seat of the State government in 1847, at which period it was almost a wilderness. Its population now is about 3,000.

Ann Arbor is a flourishing place of 3,000 or more people, on the line of the

Michigan and Central railway, 37 miles west of Detroit. It is the seat of the State University, founded in 1837. This Institution is liberally endowed, and has about 200 students.

Ypsilanti (population from 3,000 to 4,000) is upon the line of the Central railway, 30 miles from Detroit.

Michigan towns and stations on the Central railway, and their distances from Detroit: Dearborn, 10 miles; Wayne, 18 do.; Ypsilanti, 30 do.; Ann Arbor, 37 do.; Dexter, 47 do.; Chelsea, 54 do.; Grass Lake, 65 do.; Jackson, 75 do.; Parma, 86 do.; Albion, 95 do.; Marshall, 101 do.; Battle Creek, 120 do.; Galesburg, 134 do.; Kalamazoo, 143 do.; Mattawan, —; Paw Paw, 159 do.; Decatur, 167 do.; Dowagiac, 178 do.; Niles, 191 do.; Buchanan, 196 do.; Terre Coupee, 202 do.; New Buffalo, 218 do.; Michigan City, 228 do.

Munroe City, one of the principal towns of Michigan, (population about 4,000) is upon the Raisin River, two miles from Lake Erie, 40 miles below Detroit, and at the eastern terminus of the Michigan Southern railway for Chicago and the West.

Munroe was settled by the French about 1776.

 MISSOURI.

MISSOURI formed part of the ancient territory of Louisiana, purchased by the United States from France. A settlement called Fort Orleans was made within its limits by the French in 1719. The oldest town in the State, St. Genevieve, was founded in 1755. St. Louis was commenced in 1764. The State was visited in 1811 and in 1812 by a memorable series of earthquakes, which occurred in the vicinage of New Madrid. The face of the country was greatly altered by these events—hills entirely disappeared; lakes were obliterated and new ones formed. The waters of the Mississippi river were turned back with such accumulations that they overran the levees built to hem them in, and inundated whole regions, leaving it in its present marshy state. Missouri is the first of the States formed wholly westward of the Mississippi.

Landscape of Missouri. The surface of this great State is in many parts level, or but slightly undulating. A wide marshy tract occupies an area of 3000 square miles in the south-eastern part, near the Mississippi. In other sections are vast reaches of prairie lands, extending to the Rocky Mountains. The Ozark Mountains, which we have seen traversing also the State of Arkansas, extend through Missouri, centrally, from north to south. The Ozark hills are elevated table lands. The rich alluvial tracts of the Mississippi lie east of this district, and westward are boundless deserts, and treeless plains, sweeping away to the base of the Rocky Mountain ranges.

Mineral Resources of Missouri.

This State is remarkably rich in iron ore, lead and copper and coal mines, and in nearly all the mineral products. It possesses, too, a great variety of marbles, some of them beautifully variegated, and other valuable building stones.

Agricultural Products. The chief staples of Missouri are Indian corn, hemp, tobacco, flax, and all the varieties of grains, fruits, vegetables and grasses, for the successful growth of which the soil is admirably adapted.

The Missouri River. The restless, turbid waters of this magnificent river flow fretfully, 3096 miles from their sources in the remote west to their *débouchure* in the Mississippi, not far above the city of St. Louis. The entire length of the river, including its course to the Gulf of Mexico by the Mississippi (1253 miles more), is 4,349 miles.

The head-waters of the Missouri are very near the springs, which find their way to the Pacific through the channels of the Columbia River. Their course is northward for 600 miles, until they reach the remarkable cataracts known as the *Great Falls*. Before their arrival here, however, and at a distance of 411 miles from their source, the waters make the grand passage of the bold chasms called the

Gates of the Rocky Mountains.

"Here, through a length of six miles, the giant rocks rise perpendicularly to an elevation of 1,200 feet. The dark waters, in their narrow bed, wash the base of these huge walls so closely that not a foothold is anywhere to be found. It is a ghostly gorge on the sunniest day, but when its habitual gloom is deepened by the shadow of a stormy sky, its sentiment of solitude grows painfully impressive. Let a thunder peal reverberate, as often happens, in a thousand wailing voices through the rocky windings of this glen, and let the blackness of darkness be increased by the vanished gleams of the lightning flash, and you think you have left this fair world far behind you.

"We were once, with some friends,

traversing this passage at such a fearful moment as we have described, when we became aware that we were pursued by a party of Indians. Noiselessly and breathlessly we urged on our canoes, pausing at intervals only, to ascertain the progress of our foes, hope and despair alternately filling our breasts, as we seemed at one moment to be gaining and at another losing ground. It was only now and then that we caught a glimpse of the savages, and the sound of their unceasing and unearthly yells came to our ears with such uncertainty that it gave us no clue to their position. The excitement of the struggle was intense, as their random arrows flew about our ears, and as the deadly effect of our fatal shots was told to us by the death-cries from their own ranks.

"We took fresh courage as the increasing light spoke our approach to the terminus of the glen, and gave us hope, once on terra firma, of distancing our foes. New fears, though, seized upon us, lest our scanty supply of ammunition should be exhausted before we reached the prayed-for sanctuary. Happily the dread vanished, as the arrows of the savages sensibly decreased in numbers, and the chorus of their infernal shrieks died away.

"When we at last leaped, panting, upon the open shore, not a sound of pursuit was to be heard, leaving us the glad hope that we had slain them all, or so many as to secure us from further danger. But not stopping to verify this supposition, we made all possible haste to reach the camp, which we had so gaily left a few hours before. Once safe among our companions, we mentally vowed to be wary henceforth how we ventured within the Gates of the Rocky Mountains."*

The Great Falls of the Missouri.

The descent of the swift river at this point is 357 feet in 16½ miles. First comes a cascade of 26 feet, next one of 27 feet, then a third of 19 feet, and a fourth of 87 feet, the upper and high-

*The Author's Romance of American Landscape. Leavitt & Allen, N. Y.

Missouri River—Railways.

est. Between and below these cataracts there are stretches of angry rapids. This passage is one of extreme beauty and grandeur, and at some day, not very distant perhaps, when these western wilds shall be covered with cities and towns and peaceful hamlets, this spot will be one of no less eager and numerous pilgrimage than many far less imposing scenes are now. The Falls of the Missouri are esteemed by the few tourists whose good fortune it has been to look upon these wonders, as holding rank scarcely below the cataracts of Niagara.

The upper waters of the Missouri flow through a wild, sterile country, and, below, pass vast prairie stretches.

Above the river Platte, the open and prairie character of the country begins to develop, extending quite to the banks of the river, and stretching from it indefinitely, in naked grass plains, where the traveller may wander for days without seeing either wood or water. Beyond the "Council Bluffs," which are situated about 600 miles up the Missouri, commences a country of great interest and grandeur, denominated the Upper Missouri. It is composed of vast and almost boundless grass plains, through which runs the Platte, the Yellow Stone, and the other rivers of this ocean of grass. Buffaloes, elk, antelopes, and mountain sheep abound. Lewis and Clark, and other respectable travellers, relate having found here large and singular petrifications, both animal and vegetable. On the top of a hill they found the petrified skeleton of a huge fish, 45 feet in length. The herds of gregarious animals, particularly of the buffalo, are innumerable.

The Missouri is navigable for steamboats, except during periods of extreme drought, 2,575 miles, from its mouth to the foot of the Great Falls.

The Yellow Stone, one of the principal tributaries of the Missouri, rises in the same range of mountains with the main stream. It enters from the south by a mouth 850 yards wide, and is a broad and deep river, having a course

of about 1,600 miles. The Platte, another of its great tributaries, rises in the same range of mountains with the parent stream, and, measured by its meanders, is supposed to have a course of about 2,000 miles before it joins that river. At its mouth it is nearly a mile wide, but it is very shallow, and is not boatable except at its highest floods. The Kansas is a very large tributary, having a course of about 1,200 miles, and is boatable for most of the distance. The Osage is a large and important branch of the Missouri; it is boatable for 660 miles, and interlocks with the waters of the Arkansas. The Gasconade, boatable for 66 miles, is important from having on its banks extensive pine forests, from which the great supply of plank and timber of that kind is brought to St. Louis.

Railways in Missouri. This State is destined, as a chief depot for the products of the Great West, to be the centre of an interminable radiation of Railways, though not many miles of such roads have yet been constructed within her territory.

The Pacific Railway commences at St. Louis, and has been completed to Jefferson City, the capital of the State of Missouri, distant 125 miles. The line of road as contemplated, leaves the Missouri river 4 miles above Jefferson City, and runs through the counties of Moniteau, Cooper, Petters, Johnson and Jackson; strikes the Missouri river again at or near Kansas City, at the mouth of the Kansas river.

The road west of Jefferson City is all under contract, and the Company expect to have 40 miles further completed by the first of June, 1857. The distance from St. Louis to Kansas, by this line, will be 280 miles. The Company are also constructing a road called the South-West Branch, commencing at Franklin, 37 miles west of St. Louis, and running south-west, striking the western boundary of the State in Newton County. This road will be 283 miles long.

The Company have over one million acres of land granted to aid in the con-

struction of this branch road, which runs through some of the finest land in Missouri, develops the iron and lead regions on the head of the Maramec, and terminates in the great lead region of the south-west.

The Railways in progress, terminating at St. Louis, are the Pacific Railway and branch, 563 miles; North Missouri, 260 miles; besides the connections with the Hannibal and St. Joseph Railway, 220 miles; Iron Mountain Railway, 86 miles to Pilot Knob, with branch to the Mississippi river at or below Cairo, 80 miles more. The St. Louis, Alton and Terre Haute, the Ohio and Mississippi, and the Belleville Railways, all terminate opposite to St. Louis, and add to the facilities of her trade.

Saint Louis. From New York, via Chicago (see Chicago), and thence by the Chicago, Alton and St. Louis road; or to Cleveland, Ohio, 596 miles (see Cleveland); from Cleveland to Crestline by the Cleveland, Cincinnati and Columbus Railroad, 75 miles; Crestline to Indianapolis (Bellefontaine Line), 206 miles; Indianapolis to Terre Haute (Terre Haute and Richmond route), 73 miles; Terre Haute to St. Louis (Terre Haute and Alton road), 187 miles; total, 1187 miles. Or from Cincinnati in a direct line by the new route of the Ohio and Mississippi Railway.

From Philadelphia; to Pittsburg by the Pennsylvania Railway, 355 miles; Pittsburg to Crestline (Pittsburg, Fort Wayne and Chicago road), 187 miles; Crestline to Indianapolis (Bellefontaine roads), 206 miles; Indianapolis to Terre Haute (Terre Haute and Richmond road), 73 miles; Terre Haute to St. Louis (Terre Haute and Alton line), 187 miles; total, 1,008 miles.

From Baltimore; Baltimore and Ohio road to Wheeling, 397 miles; to Zanesville, 82 miles; Columbus, 141 miles; Dayton, 71 miles; Indianapolis, 108 miles; Terre Haute, 73 miles; St. Louis, 187 miles; total, 1,059.

Hotels of St. Louis. Planter's, Fourth, between Pine and Chestnut streets; City Hotel, Vine street; Virginia Hotel, Main street; the United States, corner

of Market and Third; the Missouri, Main and Morgan streets; the Munroe, Second and Olive streets.

History. The present site of the great city of St. Louis was chosen by Laclede on the 15th of February, 1764. It was settled as a trading station for the trappers of the West. The average annual value of furs brought here during the fifteen successive years ending with 1804, was \$203,750. The number of deer skins was 158,000; beaver, 36,900; otter, 8,000; bear, 5,100; buffalo, 850, and so on. At this period of wild life, the population of St. Louis was between 1,500 and 2,000, half of whom were always away as *voyageurs* and trappers. Up to 1820, the number of the people had not reached 5,000.

In 1768 (August 11th), Rioux and his band of Spanish troops took possession of the place, in behalf of Her Catholic Majesty, who kept possession until it was transferred to the United States, March 26th, 1804. The first brick house was built in 1813. The first steamboat arrived in 1817. The history of St. Louis as a city began in 1822, with the name bestowed upon it by Laclede, in honor of Louis XV. of France. Between 1825 and 1830, emigration began to flow in from Illinois, and the place thrived. The population in 1830 had reached 6,694: in 1840 it had swelled to 16,469; in 1850 it was 77,850; in 1852 it was (the suburbs included) over 100,000, to which a census to-day would add very many more thousands still. This is the magnificent way in which cities grow in the Great West.

St. Louis lies upon the right bank of the Mississippi river, 20 miles below the entrance of the Missouri, and 174 miles above the mouth of the Ohio. It is 744 miles below the Falls of St. Anthony, and 1,194 miles above the city of New Orleans. It is built upon two limestone plateaus, one 20 and the other 60 feet above the waters of the Mississippi. From the plain, into which the upper terrace widens, fine views of the city and its surroundings are presented. The entire extent of St. Louis along the

St. Louis—Parks—Public Buildings.



St. Louis, Missouri.

curves of the river is about 7 miles, and back some 3 miles, though the densely occupied area spreads over a space of only $2\frac{1}{2}$ miles riverward and $1\frac{1}{2}$ miles inland. The streets are of good width and regular. Front street, stretching along the levee, is 100 feet in breadth. This highway, and Main and Second streets, back of and parallel with it, are the great commercial streets.

Lafayette Square is almost the only public park of importance which the city yet possesses.

The public edifices of St. Louis, in its municipal buildings, churches, hotels, market-houses, and charitable institutions, are in every way creditable to the taste, munificence and enterprise of the people. The *City Hall*, the *Custom House* and the *Court House*, are worthy of a metropolitan fame. Of the churches, which perhaps much exceed 60 in number, many are very imposing: as the *Catholic Cathedral*, on Walnut street, between Second and Third; the *St. George* (Episcopal), at the corner of Locust and Seventh streets, and the *Church of the Messiah* (Unitarian), at the corner of Olive and Ninth streets. The *United States Arsenal* is a grand

structure in the south-east part of the city; and 13 miles below, on the river banks, are the *Jefferson Barracks*.

If the visitor at St. Louis should chance to be benevolent, or literary, or educational, he will, perhaps, like to look at the *City Hospital*, the *Marine Hospital* (3 miles below the city), the *Home for the Friendless*, the *Sisters' Hospital*, and the *Orphan Asylums*: or the *University of St. Louis*, founded in 1832 by Roman Catholic patronage; the *Medical School*, connected with the University, and the *Medical Department* (also here) of the *Missouri University*; the *Mercantile Library Association*, established in 1846, and at the numerous excellent private schools and convents. Let the stranger, in this progressive metropolis of the great valley of the Mississippi, seek his pleasure as he will, here are the opportunities to find it.

Many railways bend their vast iron tracks towards St. Louis from all directions eastward, and soon they will be converging hither from the Rocky Mountain side; though as yet, in this direction, and indeed, within the limits of the State, the only route yet in operation is that of the *Pacific Railway*, extend-

ing at present 125 miles westward from St. Louis to Jefferson City, the capital of the State.

St. Louis is the great starting point from civilization for savagedom—the place where adventurers for Kansas and Nebraska, and Utah, and for the wild traverse of the Rocky Mountains to the Pacific States and Territories—begin their rude forest journey.

Jefferson City, the capital of Missouri, is upon the Missouri River, 125 miles west of St. Louis, by the Pacific Railway, or 155 miles by steamboats up the river. The situation is bold and beautiful, overlooking the turbid waters of the Missouri and their cliff-bound shores. The population in 1853 amounted to about 3000. Jefferson City is on the great route to Kansas, Nebraska, Utah, California, and all the Rocky Mountain region.

St. Joseph's is upon the Missouri River, 340 miles above Jefferson City and 496 miles, by water, from St. Louis. It is the most important place in the western part of the State, and a great point of departure for the western emigrants. Population, 5,000. See *Hannibal*.

Hannibal is upon the Mississippi, 153 miles above St. Louis and 15 miles below Quincy, Illinois. A railway over 200 miles long is in progress across the State, which will connect Hannibal with St. Joseph's on the western boundary.

Lexington is upon the Missouri River, 120 miles, by land, from Jefferson City. The town has prospered by its trade with the Santa Fé and Great Salt Lake caravans. Population in 1853, about 4,000.

St. Charles City is upon the Missouri, 22 miles from its mouth. By land it is 6 miles below the Mississippi. Population, between 3,000 and 4,000.

Cape Girardeau is upon the Mississippi, 45 miles above the mouth of the Ohio. The *St. Vincent College* is located here.

Weston is upon the Missouri, 200

miles by railroad beyond Jefferson City, and 5 miles above Fort Leavenworth. With the exception of St. Louis, Jefferson is the most active business town in the State. It drives a busy trade with the western emigrants, and supplies the garrison at Fort Leavenworth.

Palmyra is 6 miles from Marion City, its landing place on the Mississippi River. The railway from Hannibal across the State to St. Joseph's will call at Palmyra.

Carondelet is 6 miles below St. Louis, on the Mississippi.

St. Genevieve is 61 miles below St. Louis, on the Mississippi. It is the shipping point for the products of the Iron works at Iron Mountain.

New Madrid was formerly a noted place, but, owing to the dreadful earthquakes it experienced in 1811 and 1812, it has sunk into comparative insignificance. It is situated on a great curve or bend of the river, the land being extremely low, and the trees along the bank presenting a great uniformity of appearance. The view is most monotonous—a feature, indeed, characteristic of much of the scenery of the Lower Mississippi. On this side there is scarcely a dozen feet elevation for the distance of 100 miles. By the earthquake thousands of acres were sunk, and multitudes of lakes and ponds were created. The church-yard of this village, with its sleeping tenants, was precipitated into the river. The earth burst in what are called sand-blows. Earth, sand, and water, were thrown up to great heights in the air. The river was dammed up, and flowed backwards. Birds descended from the air, and took shelter in the bosoms of people that were passing. The whole country was inundated. A great number of boats passing on the river were sunk. One or two that were fastened to islands, went down with the islands. The country was but sparsely peopled, and most of the buildings were cabins, or of logs; and it was from these circumstances that but few people perished.

IOWA.

Iowa is one of the new States, admitted into the Union in 1846. It lies wholly beyond the Mississippi, which washes all its eastern boundary. On this side, its neighbors are Wisconsin and Illinois. On the north is Minnesota; on the west, Minnesota and Nebraska, and upon the south, Missouri. The State has no very notable history, beyond the usual adventure and hardship of a lone forest life, among savage tribes. The settlement of the region was seriously began (first at Burlington) in the year 1833.

The landscape of Iowa is marked by the features which we have traced in our visit to neighboring portions of the north-west. The surface is, for the most part, one of undulating prairie, varied with ridges or plateaus, whose extra elevations impel the diverse course of the rivers and streams. The Coteau des Prairies enters the State from Minnesota, and forms its highest ground. On the Mississippi, in the north-east, the landscape assumes a bolder aspect, and pictures of rugged rocky height and bluff are seen. A few miles above Dubuque, Table Mound will interest the traveller. It is a conical hill, perhaps 500 feet high, flattened at the summit.

The **Prairies**, which are sometimes 20 miles across, present many scenes of interest, in their way—and it is a way not ungrateful to the unaccustomed eyes of the visitor from the Atlantic States—monotonous as it may, possibly, grow in time. The rivers in some parts of the State wind through ravines of magnesian limestone, amidst which they have gradually worked their way, leaving the rocks in every grotesque form of imagery.

Sink Holes.—The depressions in the ground, called sinks, are curious objects. These singular places, which are numerous, are circular holes, 10 and sometimes 20 feet across. They abound more particularly on Turkey River, in the upper part of the State. Near the mouth of this stream there are also to be seen many small mounds, sometimes rows of them, varying in height from 4 to 6 feet.

Minerals.—Iowa has many mineral products, among which is an abundant supply of lead. Copper and zinc are also freely found, and plenty of coal.

The **Des Moines River**, the most important stream in Iowa, rises in Minnesota and flows 450 miles through the State, to its south-east extremity, where it enters the Mississippi, 4 miles below Keokuk. It is navigable for small steamers 250 miles, or may be made so, with some practicable improvements.

The **Iowa River** is 300 miles in length, and is navigable from the Mississippi upwards, 80 miles, to Iowa City. The Skunk River, 200 miles, the Cedar, the Makoqueta, and the Wapsipincion, are all tributaries of the Mississippi.

The **Missouri** and the Great Sioux rivers form the entire western boundary of Iowa.

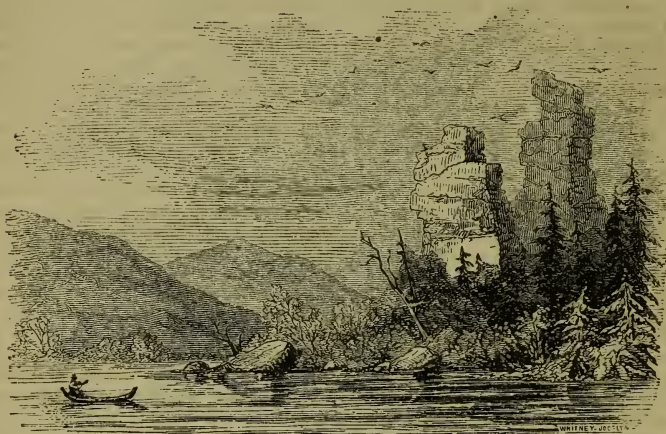
The Lake region of Southern Minnesota extends into the upper part of Iowa, giving the State a little share of this most charming phase of natural beauty.

Railways in Iowa.—Many great lines of railways are projected here, and will no doubt be soon in good progress. Some routes are already in operation.

The Mississippi and Missouri railway extends from Davenport, opposite Rock Island (Illinois), on the Mississippi, 54 miles to Iowa City, connecting the latter place with the routes from the Atlantic States to the West.

The Burlington and Missouri railway is another link between Iowa and the great routes of Illinois, and eastward to the Atlantic. It is in operation, at present, 29 miles from Burlington, on the Mississippi, opposite the western terminus of railways from Chicago to Mount Pleasant; will soon be opened to Ottumwa, on the Des Moines River.

Dubuque.—To reach Dubuque from



Rocky Towers, near Dubuque, Upper Mississippi.

the Atlantic cities, follow either of the routes thence to Chicago, Illinois. See *Chicago*. Or, to St. Louis. See *St. Louis*.

From Chicago, proceed by the Galena and Chicago Union Railway, through upper Illinois, *via* Galena, 184 miles, to Dubuque. From St. Louis, take the steamer up the Mississippi River, 450 miles.

Dubuque is upon the banks of the Upper Mississippi, in the midst of a very picturesque country. It is, indeed, if we possibly except Iowa City, the most beautiful town in the State. It occupies a broad, elevated terrace, which stretches along the great river for miles. Many fine buildings are to be seen here. Numerous railways of the west find their way to this point. Dubuque is the oldest town in Iowa, having been settled by the French as long ago as 1786. Its population is about 10,000.

Iowa City is charmingly situated upon some oval bluffs of the Iowa River, about 80 miles from the meeting of that water with the Mississippi. It may be

reached from Chicago (see *Chicago*, for routes to that point from New York and other places) by the Chicago and Rock Island Railway, 182 miles from Chicago to Rock Island, on the Mississippi; and thence, 54 miles, by the Mississippi and Missouri Railway. From St. Louis, by the Illinois Railway, or by the Mississippi River, to Davenport; and thence, 54 miles, by railway.

The site of Iowa City was a wilderness, in 1839, when it was selected as the seat of government of the then prospective State. Within one short year it had a population of 600 or 700 people; and now, almost as many thousands. The town is delightfully embosomed in shady groves, and surrounded by fertile prairies. At the intersection of the chief street—the Iowa Avenue and Capitol street, which are each 100 feet wide, stands the former State House, a handsome Doric building, 120 feet in length. It is constructed of ringed and spotted stone, called “bird’s-eye marble,” which was quarried in the neighborhood. This edifice, and its extensive grounds,

Burlington and other Towns in Iowa—State of Michigan.

have been granted to the State University, Fort Des Moines having been selected as the future capitol. The State Asylums for the deaf, the blind, and the dumb, are located at Iowa City. The Iowa River is at all times navigable to the city.

Burlington, formerly the capital of Iowa, and one of the most populous and important places in the State, is upon the Mississippi River, 250 miles above St. Louis, 45 miles above Keokuk, and 88 miles east-south-east of Iowa City. See Chicago, for routes thither from the Atlantic cities, and from that point proceed by the Chicago and Burlington Railway, 210 miles south-westerly, across the State of Illinois to Burlington. Burlington is partly built upon the bluffs which characterize the shores of the Mississippi in this the most picturesque portion of its endless journey, from the Great Lakes to the Gulf of Mexico. In 1854, its population was about 7,000. At this time it is very much more, as it is growing rapidly, like all the cities of the West.

The famous Indian chieftain, Black Hawk, once dwelt at Burlington, and here his bones lie buried.

One of the present routes to Nebraska, starts from Burlington by railway a few miles to Mount Pleasant; and thence, by stages, to Omaha City.

Davenport is on the Mississippi, at the foot of the Upper Rapids, opposite Rock Island, Illinois, and on the railways from Chicago to Iowa City. See route to Iowa City. The Iowa College was established here some 10 years ago. The landscape of this region is extremely attractive.

Keokuk is at the foot of the Lower Rapids of the Mississippi, 205 miles above St. Louis, and 125 miles below Iowa City. See Burlington, for route from Chicago and the eastern cities to that place. Keokuk is not far below, following the river.

This is the head of navigation for the largest steamers, and the outlet for the rich valley of the Des Moines, the most populous portion of the State. Fine steamers run daily between Keokuk and St. Louis, and a railway is in progress hence, 180 miles, to Dubuque, passing Burlington, Davenport, and Lyons, on the Iowa side of the Mississippi and Rock Island, Fulton, Galena, and other points upon the Illinois banks.

Muscatine is upon the Mississippi, 100 miles above Keokuk, and 32 miles from Iowa City. See Chicago, for routes to that city from the East, and take the Chicago and Rock Island Railway, 182 miles to Rock Island; cross the Mississippi to Davenport (opposite); thence, down the river, or, more expeditiously, by the Mississippi and Missouri Railway, Iowa City-wards 25 miles to Muscatine Junction, and 12 miles, by branch road, to Muscatine.

Muscatine is at the apex of a bend in the Mississippi, on the summit of a bold range of rocky bluffs, seen from the water 40 miles away. It was first settled by the whites, in 1836; before that period it was an Indian trading-post, called Manatheka. It is one of the most active and populous cities in the State.

Fort Madison is a growing town upon the Mississippi, 22 miles above Keokuk, and the same distance below Burlington. See routes to these places.

Fort Des Moines, selected as the capital of Iowa in 1855, is at the junction of the Des Moines and Raccoon Rivers, 120 miles West of Iowa City. Steamboats ascend the Des Moines to this point from the Mississippi. The railway from Davenport to Council Bluffs (completed now to Iowa City) is to pass through Fort Des Moines. The place, as a United States military post, was evacuated in 1846.

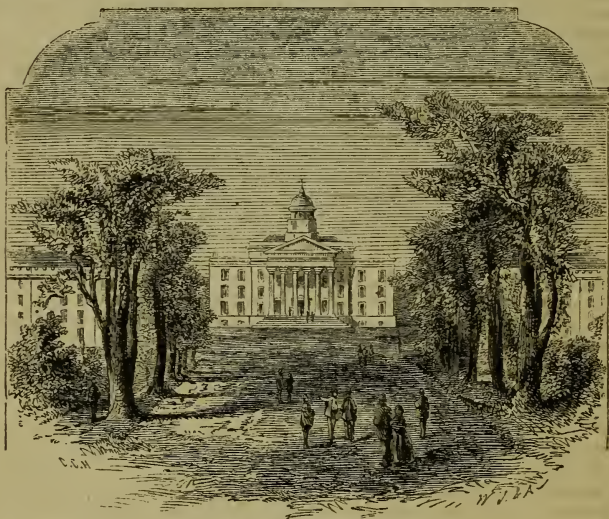
WISCONSIN.

WISCONSIN came into the Union as a State as late as 1848, though the country was visited, as was all the wilderness, of which it was so recently a part,

by the French missionaries two centuries ago. Its growth has been, and continues to be, unexampled any where, excepting in the surrounding new States and Territories.

The topographical aspect of Wisconsin is very similar to that of other portions of the north-west section of the Union, presenting, for the most part, grand stretches of elevated prairie land, sometimes 1,000 feet higher than the level of the sea. Though there are no mountains in this State, there are the characteristic plateau ridges of the latitude, formed by depressions, which drain the waters, and afford beds for the rivers and lakes. The descent of the land towards Lake Superior is very sudden, and the streams are full of falls and rapids.

The floods of Lake Superior and Lake Michigan wash the northern and eastern boundaries of Wisconsin, and numberless lesser waters are scattered through the interior, and more abundantly over the north-western counties. The shores of these lakes are often most picturesque in rich forest growth, and in rocky precipice. The waters are clear and full of delicious fish.



The Wisconsin University at Madison.

Lake Winnebago, the largest of the interior waters of Wisconsin, lies south-east of the middle of the State. Its length is about 28 miles, with a width of 10 miles. The Fox or Neenah River unites it with Green Bay, an arm of Lake Michigan. A singular wall which might, in its regular formation, easily be supposed the work of art, instead of nature, follows the eastern shore of Winnebago

for 15 miles. This wall rises through all its extent about 5 feet above the surface of the water, and sinks in places hundreds of feet below. Steamboats navigate the lake.

The **Mississippi River** forms much of the western boundary of Wisconsin, separating it from Iowa and Minnesota, with which State and territory it thus shares the charming scenery of this

portion of the great river—the noble expansion of Lake Pepin, with its bold precipices, and headland of the Maiden Rock, and the La Grange Mountain; Mount Trempleau in La Crosse County, with its perpendicular cliffs 500 feet in height, and many other striking scenes.

The **Wisconsin River**, the largest stream in the State, rises in a small lake called Vieux Desert, on the northern boundary, and flows south-westerly 600 miles to the Mississippi, four miles below Prairie du Chien. Shifting sandbars obstruct the navigation very much, yet steamboats ascend as high as Portage City, 200 miles distant, by the windings of the river. From Portage City a canal has been, or is being constructed to the Neenah or Fox River (the outlet of Lake Winnebago), by which the navigation is continued through the State from the Mississippi to Lake Michigan. The Wisconsin River presents many beautiful pictures to the eye of the traveller. At the remarkable passage called the Grandfather Bull Falls, where the waters break through a bold gorge a mile and a half in length, and flanked on either hand with rugged walls 150 feet in height, some fine chalybeate springs add to the attractions of this charming spot, and promise to make it before long a favorite summer resort.

Petenwell Peak. On the Wisconsin, below Grandfather Bull Falls, some 60 miles, there is a singular oval mass of rock, 900 feet in length, and 300 wide, with an elevation above the surrounding country of 200 feet. This is Petenwell Peak. The summit for 70 feet is perpendicular, and the rocks in their fantastic groupings assume the most wonderful architectural appearances, almost persuading the voyager that he is transported back to feudal ages, and is passing through a barbaric land of castled and battlemented heights.

Fortification Rock is another interesting scene, a few miles below Peterwell Peak. The cliffs, here, have a vertical elevation of 100 feet.

The **Dalles of Wisconsin.** At the part of the river thus called, the

water passes for half a dozen miles between hills of red sandstone, varying in height from 30 to 100 feet. The width of the river at this point is about 100 feet.

The **St. Louis River**, which forms part of the boundary between Minnesota and Wisconsin, is remarkable for a series of bold rapids, called the Falls of St. Louis. Of this scene we have spoken in our mention of the landscape of Minnesota.

The St. Louis River is the original source of the St. Lawrence.

The Badaxe, Black, Chippewa, the Rock, the Des Plaines, the Fox, and other rivers of Wisconsin, are much broken by cataracts and rapids.

Mounds or Earth-works in Wisconsin. The antiquary no less than the lover of natural beauty, may find here striking sources of pleasure, in objects scarcely less strange than the mystical relics of the old world. Scattered every where, over the plains of Wisconsin, are singular structures of earth, formed—who knows where, or by what people?—after the likeness of men and animals. At Prairieville, there is one of these weird works, 56 feet in length, which is in the similitude of a turtle; near the Blue Mounds is another, representing a man in a recumbent attitude, 120 feet in length; near Cassville, yet another of these eccentric labors has been found, made in the image of the extinct Mastodon. At Aztalan, in Jefferson County, there is an old fortification 550 yards in length, and 275 wide. The walls are from 4 to 5 feet high, and more than 20 feet thick.

The **Blue Mounds** are in Dane County. The most elevated rises nearly 1,200 feet above the waters of the Wisconsin River.

The **Forest Scenery**, and the ever-welcome oak openings—the oasis of the prairie—will be among the gratifications of the nature-loving tourist in Wisconsin. The hunter may indulge his passion for the chase at will, whether he aspire to the wild game of the wilderness, or to the gentler sports by the brook-side.

Railways in Wisconsin. Several

Railways—Cities of Milwaukee, Madison and Racine.

hundred miles of railway are completed, and many other routes are in progress in Wisconsin.

The Chicago and Milwaukee extends along the western shore from Lake Michigan, 85 miles from Chicago to Milwaukee, connecting with various routes to other towns in the State.

The La Crosse and Milwaukee will traverse the entire breadth of the State in the south, from Milwaukee to La Crosse, on the Mississippi. About one-half the route is now in operation, being 95 miles west of Milwaukee to Portage City, via Horicon, on Lake Horicon.

The Milwaukee and Mississippi road will cross the entire southern part of the State, below the route of the La Crosse and Milwaukee road, terminating westward on the Mississippi, at Prairie du Chien. It is now in operation to Madison and beyond.

Besides these main lines, other lesser routes are in operation, connecting Beloit and Madison, Milwaukee and Watertown, and places on Lake Michigan, and in Illinois with the more interior towns and villages of Wisconsin.

Milwaukee from New York. See Chicago for the route from the Atlantic cities thither. From Chicago take the railroad 85 miles to Milwaukee, along the western shore of Lake Michigan, or the steamers on the lake which arrive daily.

Milwaukee, the most populous city in Wisconsin, is built at the mouth of the Wisconsin River, on the western shore of Lake Michigan, 90 miles from Chicago, and 70 miles east of Madison. The town lies upon the river flats, and upon the bluffs which overlook the lake. The peculiar color of the "Milwaukee brick," of which many of the buildings are made, gives the city a very peculiar and pretty air. These famous bricks, which are much in fashion now all over the country, have a delicate cream or straw tint. In growth, this city of promise has kept pace with the rapid progress characteristic of the region. It was settled in 1835, incorporated in 1846, had a population in 1840, of 1,751; in 1850, of 20,061; and in

1854, more than 30,000. It has increased greatly since, and, as the outlet of a large and rich country, will long continue to extend its borders. Several hundred miles of plank road radiate from the city towards the interior, and many lines of railway are in course of construction hence. There are 30 or 40 churches here, and numerous literary institutions and schools.

Madison, the capital of Wisconsin, is 80 miles west of Milwaukee, and 154 north-west of Chicago from each place by railway. See Chicago for routes to that city from the Atlantic.

The town, in the centre of a broad valley enclosed by high grounds, occupies an isthmus between the Third and Fourth (Mendota) Lake. Mendota or Fourth Lake upon the upper side of the city, is about 6 miles by 4 miles in area. The Third Lake is somewhat smaller; both are exceedingly picturesque waters, deep enough for steamboat navigation.

There was no building except a solitary log cabin, upon the site of Madison, when it was selected in 1836 for the Capital of the State; yet in 1855 the population had reached nearly 7,000. The streets of this beautiful city of the wilderness, drop down pleasantly towards the shores of the surrounding lakes. "Madison," says a writer of the landscape here, "perhaps combines and overlooks more charming and diversified scenery than any other town in the West, or than any other *State Capital* in the Union. Its high lakes, fresh groves, rippling rivulets, shady dales, and flowery meadow lawns, are commingled in greater profusion, and disposed in more picturesque order than we have ever elsewhere beheld."

The Capitol, built at a cost of \$50,000, is a limestone edifice, in a public park 70 feet above the level of the lakes. The University of Wisconsin, founded in 1849, occupies an eminence a mile west of the Capitol, and 125 feet above the lakes. The State Historical Society and the State Lunatic Asylum are located here.

Racine, one of the principal cities of



Lake Mendota, Madison, Wisconsin.

Wisconsin, is upon the shore of Lake Michigan, at the mouth of Root River, 70 miles north of Chicago and 25 miles below Milwaukee, on the line of railway between those points. It may be reached by steamboat on the lake either from Chicago or from Milwaukee.

Kenosha is upon Lake Michigan, just below Racine, 55 miles above Chicago (by railroad or by water), and 35 miles below Milwaukee.

Janesville, a populous and important city, is upon the Rocky River, 45 miles below Madison, and 65 miles, by plank road, from Racine. A branch of the railway between Milwaukee and Madison, extends to Janesville; junction, at Milton.

Waukesha, once Prairieville, is upon the Milwaukee and Mississippi railway, 20 miles from Milwaukee and 78 from Madison. It is upon Pishtuka or Fox River, at the extremity of a pine prairie. Carroll College, founded 1846, is here.

Platteville, the centre of an extensive lead region, is about 22 miles north of Galena, Illinois, and 78 from Madison. See *route to Galena*.

Fond du Lac is a prosperous and populous town, at the south end of Winnebago Lake, 72 miles from Milwaukee and 90 miles from Madison, reached by railway from Milwaukee or from Chicago. Fond du Lac is remarkable, among other things, for its Artesian Wells, which are so numerous that nearly every household has its own. They vary in depth from 90 to 130 feet.

Beloit is upon the southern boundary of the State, on the line of railway from Chicago to Madison and to Dubuque, 98 miles from Chicago and 50 miles from Madison. From Milwaukee, by railway, 78 miles. Beloit is built on a beautiful plain, on the banks of Rock River. It is famous for elegant churches and fine streets. The Beloit College is located here.

Watertown is upon the Milwaukee and Watertown railway, 45 miles from Milwaukee.

Green Bay is at the mouth of the Neenah or Fox River, at the head of Green Bay. A railway from Milwaukee via Fond du Lac, is in process of build

ing. Distance from Milwaukee, 114 miles; from Madison, 120 miles. The largest steamers of Lake Michigan stop here. The older part of Green Bay was formerly called Navarino. Fort Howard and Village is upon the opposite side of the river.

Portage City is at the head of navigation on the Wisconsin River. Steamboats ply regularly between this place and Galena, Illinois. It is upon the route

of the La Crosse Railway, 95 miles from Milwaukee. The site of Portage City is at the famous Winnebago Portage, and at Old Fort Winnebago. Madison is 40 miles distant.

Sheboygan is at the entrance of Sheboygan River into Lake Michigan, 62 miles above Milwaukee.

Manitauwae is upon Lake Michigan, above Sheboygan, 93 miles from Milwaukee.

MINNESOTA TERRITORY.

ROMANTIC stories of the wonders of the land, which now forms the territory of Minnesota, were told two centuries ago by the zealous French missionaries, who had even at that remote period, pushed their adventures thither; still, only a very few years have elapsed, since emigration has earnestly set that way, calling up populous towns and cultivated farms along the rivers and valleys, before occupied by the canoe and the wigwam of the savage alone.

The magical development of Minnesota is in keeping with that marvellous spirit of progress so characteristic of the great Western sections of the United States. So rapid is this growth, and on such a sure and enlightened basis, that the church and the school-house spring up in the wilderness before there are inhabitants to occupy them. In Minnesota, one of the earliest foundations was that of a Historical Society, established almost before the history of the country had begun!

Area. Minnesota occupies an area almost four times as great as that of the State of Ohio, extending from the Mississippi and the St. Croix rivers, and from Lake Superior on the east, to the Missouri and the White-Earth rivers on the west, a distance of more than 400 miles; and from the Iowa line on the south, to the British borders on the north—also 400 miles apart.

Surface and Soil.—"Almost the whole of this vast region," says Mr. Bond in his interesting volume about Minnesota and its resources, "is a fine rolling prairie of rich soil, a sandy loam adapted to the short summers of the climate, and which produces bounteously. The surface of the country, excepting the Missouri plains, is interspersed with numerous beautiful lakes of fresh water—all abounding in the finest fish, and their banks covered with a rich growth of woodland. The land is about

equally divided between oak-openings and prairies, the whole well watered by numerous streams navigable for steamers."

Forest Lands and Rivers.—In the eastern part, on the head-waters of the Mississippi, Rum River, and the St. Croix, are extensive pine and hardwood forests, apparently inexhaustible for centuries; while from the mouth of *Crow-wing River*, a tributary of the Mississippi, an extensive forest of hardwood timber, fifty miles in width, extends south-westerly into the country watered by the Blue-Earth river, a tributary of the Minnesota river, emptying into it 150 miles above its mouth. The latter stream, rising near Lac Traverse, flows south-easterly a distance of 450 miles, and empties into the Mississippi at Fort Snelling, seven miles above St. Paul, and the same distance below St. Anthony. This is one of the finest

Rivers—Lakes, etc.

streams in the valley of the Mississippi, and the country through which it flows is not excelled for salubrity of climate and fertility of soil by any part of the United States. In a good stage of water, steamboats can ascend it almost to its source. A portage of a mile or two then connects it from Big-Stone lake with Lac Traverse; and the outlet of the latter, the Sioux Wood river (all of which are thirty miles in length,) with the famous **Red River** of the North. This stream is navigable at all seasons for steamboats from the Bois de Sioux to Pembina, on the British line—to Selkirk settlements, 100 miles beyond—and even to Lake Winnipeg. The whole trade of these extensive regions will eventually seek this channel to a market, following down the Minnesota to the Mississippi at St. Paul, and thence to the States below. A railroad connection will eventually be made from the mouth of the Bois de Sioux to Fond du Lac; also from the same point to St. Anthony and St. Paul via Sauk rapids and the Mississippi. Another will connect the same point with Lac qui Parle, on account of the portage at Big-Stone lake; thence down to the mouth of Blue Earth; thence south-easterly through Iowa to some point, say Prairie du Chien or Dubuque, on the Lower Mississippi.

The only interruption to the navigation of the Lower Minnesota river in dry seasons, is what are called the "Rapids," some 40 miles above its mouth. This is a ledge of sandstone rock, extending across the stream, and will soon be removed.

The Mississippi above St. Anthony is navigable an almost indefinite distance to the north; and the steamer "Governor Ramsey" has already been running in the trade above the falls for four years, as far as the Sauk rapids (80 miles), which, with the Little Falls (40 miles beyond), are the main obstacles in a navigation of over 400 miles from St. Anthony to the falls of the Pokegama. St. Croix lake and river are navigable to the falls, 60 miles above the junction of the lake and Mississippi;

and the St. Louis river is navigable from Lake Superior 20 miles to Fond du Lac. Numerous other streams are navigable for light-draught steamers and flat-boats from 50 to 100 miles, penetrating into the interior to the pineries, and giving easy access into the country in all directions. These are the Blue-Earth, Rum, Elk, Sauk, Crow, Crow-wing, Vermilion, Cannon, and others.

On the north-eastern border of the territory is Lake Superior, with its valuable fisheries and its shores abounding in inexhaustible mines of copper, coal, iron, etc., besides affording the facility of that vast inland sea for immigration and commerce.

The Great Father of Waters, too—the mighty Mississippi—after rising in Itasca lake, in the northern portion of the territory, flows by a devious course for some 800 miles through the eastern part, and below the mouth of the St. Croix forms the dividing line between Minnesota and Wisconsin for some 200 more to the Iowa line. This mighty river gives the territory the whole lower valley to the gulf of Mexico for a never-ceasing market for its agricultural produce, lumber, and manufactures.

Various elevated ridges traverse the territory of Minnesota, though not of a mountain character. The plateau called the **Coteau des Prairies**, or the Prairie Heights, is one of these singular terraces. It extends 200 miles, with a breadth varying from 20 to 40 miles. The average elevation of this lofty plain is some 1,500 feet, and in some parts it rises nearly 2,000 feet above the level of the sea. In the north it is about 900 feet above the neighboring waters of Big-Stone lake. There is another range of wooded heights reaching 100 miles or more, called the "Coteau du Grand Bois." Then there are the "Hauteurs de Terre," which extend some 300 miles. These last-mentioned ridges form the dividing line of the rivers, which flow to Hudson's Bay on one side and to the Mississippi and Lake Superior on the other.

The Lakes of Minnesota are num-

The Falls of St. Anthony.



The Falls of St. Anthony.

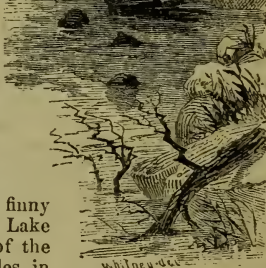
berless, and of extreme beauty. Sometimes there are little ponds a mile in circumference, and again, great waters 40 or 50 miles in extent. Their shores are charmingly wooded, and frequently present fine pictures of cliff and headland. The waters are pure and transparent, and are filled with white fish, trout, pike, pickerel, sucker, perch and other funny inhabitants. The largest of these lakes, after Lake Superior, which skirts the eastern borders of the territory, are the Lake of the Woods, 100 miles in circuit, Rainy Lake, Minnie-Waken or Devil Lake, Red Leach and Mille Lac or Spirit Lake.

Lake Pepin, a beautiful expansion of the Mississippi, is in this region. On the east bank is the famous Maiden's Rock, 400 feet high, and near the northern end, the La Grange Mountain rises in a bold headland, 230 feet above the water.

The Falls of St. Anthony, in the Mississippi, lie within the territory of Minnesota, 8 miles from St. Paul. The river at this pass is divided by an island, as at Niagara, forming the falls, the greater of which, on the western side, is 930 feet across. The descent of the water in falls and rapids is 58 feet in 260 rods. The beauty of the scene is thus not so much in the magnitude or height of the cascade as in the accessories of rock and forest group.

"I visited the Falls of St. Anthony," said the Rev. Mr. Barnes in a sermon of two years ago. "I know not how

other men feel when standing there, nor how men will feel a century hence, when standing there—then, not in the *west*, but almost in the centre of our great nation. But when I stood there, and reflected on the distance between that and the place of my birth and my home; on the prairies over which I had passed; and the stream—the 'Father of Rivers'—up which I had sailed some 500 miles, into a new and unsettled land—where the children of the forest still live and roam—I had views of the greatness of my country, such as I have never had in the crowded capitals and the smiling villages of the East. Far in the distance did they then seem to be, and there came over the soul the idea of greatness and vastness, which no figures, no description, had ever conveyed to my mind. To an inexperienced traveller, too, how strange is the appearance of all that land! Those boundless prairies seem as if they had been cleared by the patient labor of another



race of men, removing all the forests, and roots, and stumps, and brambles, and smoothing them down as if with mighty rollers, and sowing them with grass and flowers; a race which then passed away, having built no houses of their own, and made no fences, and set out no trees, and established no landmarks, to lay the foundation of any future claim. The mounds which you here and there see, look, indeed, as if a portion of them had died and had been buried there; but those mounds and those boundless fields had been forsaken together. You ascend the Mississippi amid scenery unsurpassed in beauty probably in the world. You see the waters making their way along an interval of from two to four miles in width, between bluffs of from 1 to 500 feet in height. Now the river makes its way along the eastern range of bluffs, and now the western, and now in the centre, and now it divides itself into numerous channels, forming thousands of beautiful islands, covered with long grass ready for the scythe of the mower. Those bluffs, rounded with taste and skill, such as could be imitated by no art of man, and set out with trees here and there, gracefully arranged like orchards, seem to have been sown with grain to the summit, and are clothed with beautiful green. You look out instinctively for the house and barn; for flocks and herds; for men, and women, and children; but they are not there. A race that is gone seems to have cultivated those fields, and then to have silently disappeared—leaving them for the first man that should come from the older parts of our own country, or from foreign lands, to take possession of them. It is only by a process of reflection that you are convinced that it is not so. But it is not the work of man. It is God who has done it, when there was no man there save the wandering savage, alike ignorant and unconcerned as to the design of the great processes in the land where he roamed—God who did all this, that he might prepare it for the abode of a civilized and Christian people.”

Fountain Cave is a remarkable spot two or three miles above St. Paul. A passage way, 25 feet high and nearly as wide, leads into a cavern of white sandstone, which has been penetrated for 1000 feet; first by a gallery 150 feet in length and 20 feet broad, and afterwards through narrow passes. A rivulet follows the course of this cave.

Fort Snelling is 5 miles from St. Paul, at the confluence of the Minnesota or St. Peter's and Mississippi rivers, on the west side of the Mississippi. The buildings of the garrison are upon a high bluff, probably two hundred feet above the level of the water in the rivers, and which stretches to the north and west in a gently undulating and very fertile prairie, interspersed here and there with groves of heavy timber. The steamboat landing of Fort Snelling is directly opposite the mouth of the Minnesota, from which a low island extends about two and a half miles down the Mississippi.

Mendota, which lies about half a mile below the mouth of the Minnesota, has been for many years a trading post of the American Fur Company, and is still a dépôt of goods and provisions for the supply of the traders, who, at this time, have penetrated much farther into the Indian country. But it has, till lately, been included in the military reserve of Fort Snelling. It has not attained that degree of prosperity so remarkable in the villages of St. Paul and St. Anthony, and which its far more favorable position might justly have secured for it.

Pilot Knob. “From this summit, which lies back of Mendota,” says Mr. Bond, whom we just quoted, “a view may be obtained of the surrounding country as far as the eye can grasp, affording to the spectator a sight of one of the most charming natural pictures to be found in this territory, so justly celebrated for scenic beauty. The view describes a circle of eight or nine miles, a grand spectacle of rolling prairie, extended plain and groves, the valley of the Minnesota with its meandering stream, a bird's-eye view of Fort Snel-

ling, Lake Harriet in the distance—the town of St. Anthony just visible through the nooks of the intervening groves,—and St. Paul, looking like a city set upon a hill, its buildings and spires distinctly visible, and presenting in appearance the distant view of a city containing a population of one hundred thousand human beings.

The St. Croix Falls, or rapids, are in the St. Croix river, about 30 miles from its entrance into the Mississippi below St. Paul. The St. Croix continues the boundary line between Wisconsin and Minnesota, in the upper half of the territory, formed below by the waters of the Mississippi. The Falls in the St. Croix have a descent of 50 feet in 300 yards. The perpendicular walls of trap rock between which the waters make their boisterous way, is a scene of remarkable picturesque interest. This wild pass is about half-a-mile below the rapids. It is called the Dalles of the St. Croix.

The Sioux Rapids, in the Sioux river, is another striking point in the varied landscape of this region. The pass is through a grand quartz formation. The descent of the waters is 100 feet in 400 yards. There are three perpendicular falls of from 10 to 20 feet.

The Falls of the St. Louis River are a series of rapids extending 16 miles, the waters making, in that distance, a descent of 320 feet. These cataracts terminate about 20 miles from the mouth of the river.

In our enumeration of the landscape features and attractions of Minnesota, we have included only a few of the leading and most accessible scenes. There are, besides, the forest-hidden, laughing waters of Minnehaha, immortalized in the sweet song of Hiawatha, and a thousand cascades of beauty; gentle lakes and fertile flower-strewn prairies.

The Sportsman here will find plenty to do, whether it be with his gun in the woods, or with his line by the marge of the graceful waters. Immense herds of buffalo, deer, elk, antelope, and other noble denizens of the forest, still roam over the western plains, and the

moose and the grizzly bear, the otter and the wolf, may all yet be found in Minnesota. Upon the prairie lands there are grouse, pheasants and partridges, and wild geese and ducks live near the rivers and lakes.

St. Paul. Galena and Chicago Railway from Chicago to the Mississippi, and thence by steamer; or the Chicago, St. Paul's and Fond du Lac Railway from Chicago to Prairie du Chien, on the Mississippi; thence by steamer in summer, and stages in winter. The La Crosse Railway from Milwaukee will soon be completed to the Mississippi at La Crosse, yet higher up. This flourishing city of the far-west, the capital of Minnesota, is graphically described as perched on a high bluff overlooking the Mississippi at the head of its navigable waters, 2070 miles from its mouth. "It is surrounded in the rear by a semi-circular plateau, elevated about 40 feet above the town, of easy grade, and commanding a magnificent view of the river above and below. Nature never planned a spot better adapted to build up a showy and delightful display of architecture and gardening than that natural terrace of hills. The town has sprang up like Minerva, full armed from the head of Jupiter, and now contains 10,000 inhabitants; its whole history of seven years forming an instance of western enterprise and determined energy and resolution, hitherto unsurpassed in the story of any frontier settlement. The main street is fully a mile in length, with buildings running from shanties to five-story bricks. Its ten churches, with their lofty spires, show that the aspirations of the people of St. Paul are upward, and, though in the far-off west, they make the welkin ring. A travelling friend observed that he had, in Constantinople, where they have five Sabbaths a week, heard the Turkish Salims, the Catholic and Protestant, the Greek, Armenian, and Jew, each sending forth their summons for prayer to the faithful, but, measuring its religion by its bell-ringing. St. Paul far exceeds the *Oriental* capital.

The Falls of St. Anthony, Fort Snel-



Red Wing Village, Upper Mississippi.

ling, and other points of interest to the tourist, are in the immediate vicinity of St. Paul. See mention of these places in preceding pages of Minnesota.

Stillwater, upon the west bank of Lake St. Croix, 20 miles from St. Paul, was first settled in 1843, and is rapidly becoming a populous and important place. To be justly informed of the number of people in these cities and villages of the West, would require a monthly or weekly census.

St. Anthony is a thriving town on the left bank of the Mississippi, at the famous Falls of St. Anthony, 8 miles above St. Paul (see St. Paul and the Falls of St. Anthony in preceding pages.) The village is situated upon a lofty ter-

race overlooking the Falls. Its position at the head of navigation on the Father of Waters, is of immense commercial consideration, and the Falls afford incalculable water-power for manufactures. This is the seat of the University of Minnesota.

Wabasha is upon the Mississippi, opposite the mouth of the Chippewa river. It is 90 miles below St. Paul.

Fond du Lac (Minnesota) is upon the St. Louis river, 22 miles from its entrance into Lake Superior. It is reached by steamboats.

Itasca is upon the Mississippi, 20 miles above St. Paul.

Dacotah is the proposed name of a new territory, to be formed of a part of Minnesota.

CALIFORNIA.

THE HISTORY OF CALIFORNIA must be of great interest to the traveller, especially as he surveys the astonishing progress which has been made within the last eight years.

The peninsula of Lower California was discovered by the expeditions of Cortez in 1534-5.

Upper California was seen by Cabrillo in 1542. Sir Francis Drake visited the coast and discovered Jack's Harbor, on the bay of Sir Francis Drake, a few miles to the northward of the bay of San Francisco, in 1579.

In 1769 the bay of San Francisco was discovered by the early Spanish missionaries, who established some 18 missions in the country; these continued to flourish until after the Mexican Revolution in 1822, falling into decay under the new government.

Capt. John Sutler established himself near the present site of Sacramento city in 1839.

In 1846 the war broke out between the United States and Mexico, which resulted in the conquest and purchase of California by the United States.

Gold was discovered in January, 1848, by Jas. W. Marshall, in the employ of Capt. Sutler, at Sutler's Mill, on the South Fork of the American river, at the present town of Coloma.

From this date the unprecedented progress of the country commenced.

The State of California extends along the Pacific coast nearly seven hundred and fifty miles, from south-east to north-west, with an average breadth from east to west of two hundred and fifty miles, containing an area of 187,500 miles, or nearly twice the size of Great Britain. The whole country naturally falls into three great divisions:

First, The great valleys of the Sacramento and San Joaquin rivers, with all their lateral valleys; all of whose waters meet in the bay of San Francisco, passing through the Golden Gate to the Pacific Ocean.

Second, The portions of the coast range north and south of the bay of San Francisco, where the country is drained by streams falling directly into the Pacific, as the Klamath, Eel River, Russian River, the Salinas, San Pedro, and San Bernardino, with others of lesser magnitude.

Third, The country east of the Sierra Nevada Chain, the waters of which fall into the great basin, having no outlet to the ocean.

The ranges of mountains comprise the Sierra Nevada, which divides the State on the east from the Great Basin, and the Coast Range on the west.

Between the Sierra Nevada and the Coast Range, lies the extensive country of the First Division, a valley of some 500 miles in length, with an average breadth of 75 miles, with a rich soil and warm climate, producing all the fruits of the warm region with the products of the more temperate climes. The lateral valleys, with an elevation of from 1,000 to 5,000 feet above the level of the sea, producing the more hardy fruits and grains common to the more northern States of the Union.

A belt of gigantic timber, consisting of pines, firs, cedars, oaks, &c., &c., extends the entire length of the Sierra Nevada range, affording a supply of wood that can never be exhausted.

The mining region also stretches along this range, extending on the north into the Coast Mountains, passing into Oregon with an average breadth of 40 or 50 miles, at some points extending from the valley to near the summit of the Sierra, a distance of 100 miles in breadth.

Of the Second Division, located near the coast. This portion of California contains thousands of beautiful valleys, some of which are very extensive, as that of the Salinas, whose outlet is at the bay of Monterey and the country adjoining Los Angeles and San Diego. This portion has a cooler climate than the lower valleys of the First Division, owing to their proximity to the sea.

Every variety of product, from the orange and other fruits of the warm region at Los Angeles, to the more temperate clime and products of Humboldt bay and Trinity river at the north. Gold is also found, and the richest quicksilver mines in the world. Oaks and the gigantic red woods afford fine lumber.

From New York to San Francisco—Aspinwall.

Of the Third Division, the country east of the Sierra Nevada, but little is known, especially to the south-east, yet many fine valleys occur, as that of Carson's Valley, which now contains quite a population. Gold also is found along the eastern slope of the Sierra.

These, then, are the general features of the country. Much more might be said concerning the variety of climate incident to the location, the different natural productions, the mines of gold, quicksilver, coal, and iron, which are being daily discovered, with the many advantages of soil and climate adapted to grazing and agricultural purposes.

VOYAGE FROM NEW YORK TO SAN FRANCISCO.

The two principal routes to California, per steamer, are by way of Central America and the Isthmus of Panama.

By the former route we reach San Juan del Norte, on the Atlantic side, and proceed up the San Juan River, by steamer; thence across the southern part of the Lake of Nicaragua to Virgin Bay. Stages, or riding animals convey travellers across the narrow isthmus of 12 miles, to San Juan del Sur, on the Pacific, where the steamer receives them and conveys them to San Francisco. By this route, some 700 miles of sea voyage is avoided, which is scarcely compensated by the exposure incident to the navigation of a tropical river, and the length of time occupied in making the transit from sea to sea; yet, to the observant tourist, many objects of interest are presented upon this route. The beauty of the rich tropical verdure along the river, with the gigantic cones of the Central American Volcanoes are objects well worth viewing.

Perhaps the best way, and certainly the most reliable, is by the semi-monthly steamer, via Aspinwall and Panama, by railroad across the Isthmus of Darien.

Leaving New York on the 5th or 20th we are soon upon the broad Atlantic. Crossing the Gulf Stream in about the latitude of Cape Hatteras, we sometimes catch a glimpse of the low, coral islands of the Bahamas. Five or six days bring us to the eastern extremity of Cuba, whose highlands, with those of the more distant mountains of San Domingo look beautiful in the warm tropic

haze as we pass between them. Soon after, the Blue Mountains of Jamaica loom up in the distance to our right—the last land seen until we arrive at Aspinwall, the Atlantic terminus of the Isthmus Railroad, to which we come, after a voyage of eight or ten days from New York.

Aspinwall is situated upon the Island of Manzanilla, at the north-east entrance to Navy Bay, and owes its importance, in fact, its existence, to the railroad. As it lies but a few inches above the waters of the sea, it is a perfect marsh, and is very unhealthy. The population consists of the employes of the railroad and steamers, together with a motley class of Jamaica negroes. There is nothing of interest in the place, and the traveller is glad to take his seat in the cars for Panama, leaving behind him a place with a population, upon whose faces disease appears in its most pallid form.

For several miles the road passes through a deep marsh, reaching Gatun, on the Chagres River. Leaving the river a mile or two to the right, we traverse a dense tropical forest, with occasional clearings, and passing a few native huts, arrive at Barbacoas, crossing the Chagres River, upon a high wooden bridge. Beyond, the Cierro Gigante, the highest point upon the Isthmus, is seen on our right, from whose summit Balboa discovered the waters of the Pacific Ocean. Moving on, we get occasional views of the river, gleaming amid the rich verdure of gigantic trees and overhanging vines. Passing the little hamlet of Matachin, in seven miles we reach the summit, which is 250 feet above the tide level of the Pacific.

From this point we descend rapidly, a distance of 11 miles, shooting through the dense forests, and gliding over the level savannas, until, at last, we catch a gleam of the Pacific Ocean, and the spires of Panama.

Previous to the completion of the railroad, the steamers touched at Chagres, at which place, the travel up the Chagres River was performed in native boats to Gorgona or Cruceas, thence, by animals, to Panama; this generally occupied three or four days, and was attended with much exposure and discomfort, which very often resulted in an attack of the isthmus fever, so fatal in its consequences.

In 1850, the survey of the railroad was commenced, under the superintendence of the well-known traveller, the late John L. Stephens.

In July, 1852, 23½ miles of the road were completed, from Aspinwall to Barbacoas, on the Chagres River, and opened for travel. From that date Chagres sunk into utter neglect, as all the travel was diverted to Aspinwall, passing up the river from Barbacoas. December, 1854, saw the road completed to Culebra, on the summit. Panama was reached from the latter place by animals.*

It was not until January 27th, 1855, that the first locomotive passed over the entire road, from ocean to ocean, a distance of 49 miles.

Nearly five years were thus consumed in the completion of this extraordinary American enterprise.

The cost of the road had been immense—some six millions of dollars, at the lowest estimate; while the sacrifice of life has been enormous.

The Isthmus afforded scarcely a material for its construction; not even food for the laborers. Every thing had to be imported from the United States or from Europe. A primeval forest was cut through, dense jungles were opened, deadly swamps were crossed, deep cuts were made, rivers spanned by bridges, whose timber was brought from afar; and, more than all, the pestilential climate swept thousands upon thousands

into their graves ere the oceans were united.

But, to resume our travel—

As the small steamer is lying at the terminus of the railroad to convey the California passengers on board the Pacific steamer, which is waiting for us at the Island of Perico, some two miles distant, we shall not have an opportunity of visiting the City of Panama.

Yet we obtain a general view as we pass upon our transit to the steamer, its old towers and ramparts, gleaming in the sun, overgrown with rank vegetation, presenting a time-worn and venerable appearance, finely relieved by the back-ground of hills, clothed in the richest green.

The **City of Panama** contains many objects of interest; but, owing to the present arrangements, travellers, *en route* for California, have no opportunity of visiting or remaining here, unless they should lay over one steamer—a delay that might be fatal to the health, as the climate is usually pernicious to a northern constitution.

THE PACIFIC VOYAGE. On arriving at the steamer we are soon under way for San Francisco, and, steering south, we pass the beautiful Islands of Toboga and Toboquilla, which are 12 miles from the city. Soon after, we pass the lovely Islands of Otoque and Bana, while, away to the south-east, a glimpse of the Pearl Island groups is obtained.

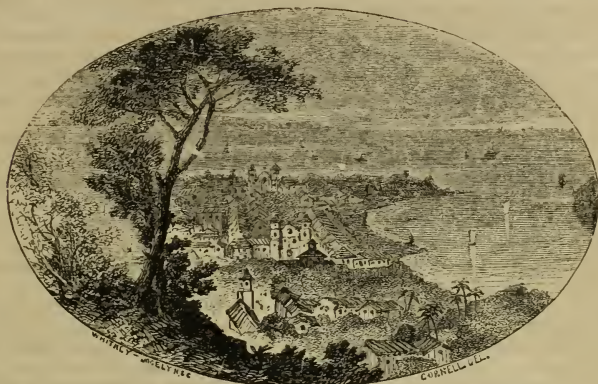
The next morning or evening finds us steaming past the Island of Quibo, with a distant view of the Mountains of the Isthmus.

We find the arrangements perfect on board the Mail Line, and our days pass pleasantly as we steam along the calm blue waters of the Pacific.

On the seventh day from Panama, we get a grand view of the Mountains of Mexico, and soon enter the fine harbor of Acapulco. Here the steamer takes in a supply of coal, which affords the stranger time to go on shore and take a look at this interesting place.

The **Harbor of Acapulco** is one of the most perfect in the world, protected

City of San Francisco.



Panama.

on all sides by mountains, which rise almost from the water's edge.

We gaze with delight upon the fine groves of cocoas and palms, and look with interest upon the faded glories of this once important place. The motley population of Mexicans observed in the streets, which are alive with venders of all sorts of fruits and curiosities, is a study of itself, seen nowhere save in a Spanish city.

Resuming our voyage, we soon lose sight of the high mountain range of Mexico, the last land seen until, on the fourth day, we approach the southern extremity of Lower California, Cape St. Lucas.

From this point the weather suddenly becomes cold; and as we approach the port of our destination thick clothing comes into requisition. As we coast northward we sometimes see land, perhaps one of the barren islands off the coast of Lower California; but, as the atmosphere along the coast is generally very hazy, especially during the summer time, we find but little of interest until we approach the Golden Gate, the entrance to the noble Bay of San Francisco.

Upon the 14th day from Panama, or 22^{or} 24 days from New York, we see

the mountains of the coast range, among which Tamul Pise stands pre-eminent, with Monte Diablo in the distance, looming up from the waters; and soon after we near Point Lobos, with Point Boneta on our left, entering the Golden Gate; Fort Point is soon abreast, and we come into the Bay of San Francisco. Two miles farther on, we pass the Presidio, and catch a distant view of the western and northern portion of the metropolis of the Pacific. To our left, the Alcatraz Rock rises from the surface of the bay, bristling with cannon, and surmounted by a light-house; while beyond, Angel Island rises to the height of 900 feet.

Doubling Telegraph Hill, the city bursts upon our vision, rising picturesquely from the bay, which extends southward, like a vast inland sea.

We are soon along side of the wharf, and thus ends our pleasant voyage of 6,000 miles from New York.

San Francisco, the principal city and seaport of the Pacific coast, is situated upon the Bay of San Francisco, near its entrance to the sea, and lies in lat. 37° 48' north, long. 122° 30' west, from Greenwich.

The Mission was founded and the Presidio established in 1776. The first

City of San Francisco.

house was erected by Capt. Richardson, in 1835, but up to January, 1847, bore the name of *Yerba Buena*.

At the time gold was discovered, in January, 1848, it contained but 200 buildings, of all kinds, and a population of 800 souls.

At this period (1857) the city covers an area of 8 or 9 square miles, with a population of some 75,000.

Among the principal buildings, are the City Hall, fronting upon the plaza or public square, the Merchants' Exchange, U. S. Custom House and Post Office, the U. S. Marine Hospital, Rincon Point, Montgomery Block, and many other fine structures, which would compare favorably with any buildings found in New York.

Among the principal Hotels, we may mention the Oriental, corner of Battery and Bush streets; Rasette House, corner of Bush and Sansom; International Hotel, Jackson street; Wilson's Exchange, Sansom street; The Union, on the Plaza. These are the first-class houses, while many others, of less note, afford fine accommodations to the stranger.

The places of amusement are, the

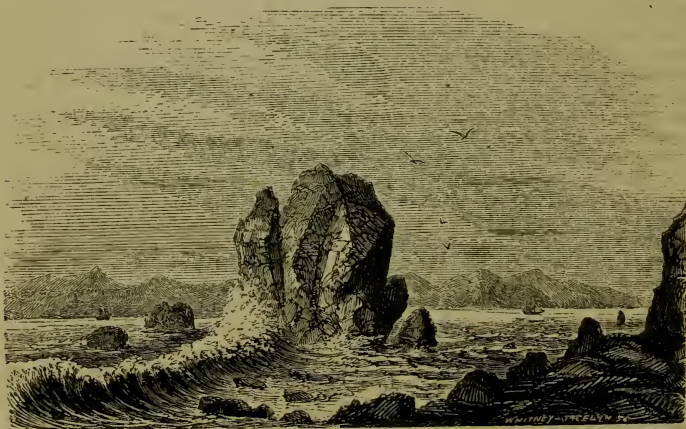
Metropolitan Theatre, on Montgomery street; the American Theatre, on Sansom street; the Minstrels, on Washington street; Musical Hall, and the German Turn Verein Hall, on Bush street, with several other minor places of amusement.

A visit to the Mission, some four miles south-west of the city, would interest the stranger. Two or three lines of omnibuses are running over the fine plank road to the latter place; the race course, and many fine gardens, are in the vicinity. Also the Orphan Asylum, a fine institution.

A half-hourly line of omnibuses also runs to the Presidio, which is situated some three miles toward the Golden Gate; a walk or ride to Fort Point and Point Lobos, passing on to the Seal Rock House, and Ocean House, affords many fine scenes of the entrance to the Bay and of the sea shore.

The view of the Bay from Telegraph Hill is also very fine, embracing the city, with the distant contra coast range. The view of the city from Rincon Point is, perhaps, the best, certainly the most picturesque.

Daily lines of stages leave the city



The Golden Gate, San Francisco, California.

Visit to the Interior and along the Coast.

for San José: one line by the western side of the bay; the other is taken by crossing over to Oakland, 12 miles by steamer, and then by stage along the eastern side of the bay to San José. The distance by either line is about 50 miles; time, 7 hours; fare, generally, \$3. These lines also have connections at San José for Monterey, 126 miles from San Francisco, and the New Almaden Quicksilver Mines, 12 miles south of San José. Besides the beauty of the valley of San José, and its climate of perpetual spring, the gardens and Artesian Wells, many places in the vicinity are worthy of a visit, especially the Quicksilver Mines and the Missions of Santa Clara and San José.

Returning to San Francisco by steamer or stage, we make our arrangements for a trip to the interior.

Steamers leave daily for Sacramento City, Stockton, Marysville, and many other points upon the waters of the Bay—Petaluma, Sonoma, Napa, &c., &c.; there connecting with stages which take the traveller to almost any point in the interior with certainty and ease.

VISIT TO THE INTERIOR OF CALIFORNIA
AND ALONG THE COAST.

From San Francisco *via* Sacramento City to Marysville, up through the valley of the Sacramento to the Oregon line; thence through the mining regions of the tributaries of the Sacramento and San Joaquin rivers, returning by the great valley of the San Joaquin to Stockton and San Francisco; thence along the coast southward, visiting Monterey, Santa Barbara, Los Angeles, to San Diego, the most southern port—a glimpse at the more northern sections along the coast, and a voyage to Oregon.

By this arrangement, all that is of interest can be seen, making an almost continuous tour of the State, without loss of time, or unnecessary travel or expense.

Many of the distances given are but an approximation to the exact, and the time and fares vary, as in other countries.

The Sacramento Region.—Leaving

San Francisco by the 4 o'clock afternoon steamer for Sacramento City, we proceed northward toward Angel Island, in the bay, which we pass on the right some 8 miles from the wharf, soon after Red Rock Island, and enter the Bay of San Pablo, through the straits of the same name.

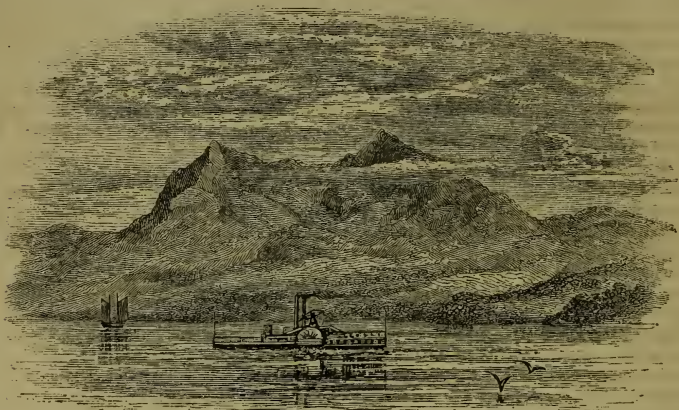
The **Bay of San Pablo** is a large and beautiful sheet of water, some 15 miles wide and 20 miles long, surrounded by picturesque ranges of mountains. The view looking westward is picturesquely fine; to the northward, the fertile valleys of Petaluma, Sonoma and Napa, bounded by the high mountains of the Coast Range, bathed in the warm summer haze so peculiar to California. At the head of Napa valley, warm sulphur springs occur, which are even now a favorite place of resort and offer fine accommodations to the visitor; beyond to the north, the hot stream springs, called the **GEYSERS**, are found: these are among the greatest curiosities of the country, while still to the north, the picturesque region of **CLEAR LAKE** amply repays the tourist, by its wild beauty and the fine hunting and fishing which the surrounding region and waters afford.

Resuming our voyage through San Pablo Bay, we pass Marc Island and Vallijo, where the U. S. Government have established a Dry Dock and Naval station, and soon after enter the Straits of Carquinez, which connect the Bay of San Pablo with the Bay of Suisun.

The Straits of Carquinez.—These straits are about five miles in length and three-fourths of a mile wide. **BENECIA**, the former capital of the State, is situated upon the north side, near the entrance to Suisun Bay, 30 miles from San Francisco. Vessels of the largest size can reach this point. The steamers of the Pacific Mail Steamship line are refitted at this place. Their extensive foundry and machine shop is the most important building in the place. The headquarters of the U. S. Army are also located here.

The view as we approach Benecia is grand. Looking south-east, **MONTE**

Sacramento River and City—Marysville.



Monte Diablo, California.

DIABOLO, the most remarkable peak of the coast range, is seen rising to the height of 3,790 feet, while the little village of Martinez, with its groves of evergreen oaks, surrounded by hills, is a fine feature in the scene.

The Bay of Suisun. We now enter the Bay of Suisun, another arm or continuation of the great Bay of San Francisco; it is some 15 miles in length and about the same in breadth, and here the waters of the Sacramento and San Joaquin unite, the former coming in from the north and the latter from the south.

Sacramento River. Passing through the bay, we soon enter the mouth of the Sacramento River, about 45 miles from San Francisco.

Much of the land adjoining this bay and the Sacramento and San Joaquin river is marshy, covered with tulus, a kind of bulrush. Proceeding toward Sacramento City, we pass a low range of hills to the left. Farther on, the banks are low and the country is marshy. Beyond trees occur, and the river presents a more beautiful appearance.

In seven or eight hours we arrive at Sacramento City, the capital of the State, which is 125 miles from San Francisco.

Sacramento City is situated at the

confluence of the Sacramento and American Rivers, and contains some 25,000 inhabitants, and is the centre of travel for the northern mines of California. It contains many fine buildings, put up in the most substantial manner, and although it has suffered immensely, like San Francisco, from fires, it has steadily improved, and is now the most important city in the interior. It was here that Capt. Sutter established himself in 1839, but little remains to mark the site of the fort so well known in the annals of California. The stranger will find ample accommodations and good fare at any of the fine hotels which abound in Sacramento City, among which are the "Orleans," "Jones's Hotel," and others of less note.

Numerous lines of stages leave the city for all parts of the interior and mining localities, daily, upon the arrival of the steamer, reaching the same day; Nevada, Grass Valley, Marysville, Coloma, Auburn, Iowa Hill, Mokelumne Hill, Sonora, or Stockton, by land.

Steamers also leave for points on the Upper Sacramento and Feather River, such as Colusi, Tehama and Red-Bluffs on the former, & Marysville and other points on the latter.

Marysville. Proceeding on our

From Marysville to Shasta City.

journey through the great valley of the Sacramento, we reach Marysville by stage or steamer, distant by land 40 miles, and by the river double that distance, arriving at the latter place by noon.

Marysville is next in importance to Sacramento City, among the northern places in the interior. It is finely located near the confluence of the Feather and Yuba Rivers; accessible at all times by steamer from either San Francisco or Sacramento City. It commands much of the trade with the rich mining districts situated upon the Feather and Yuba Rivers with a rich agricultural region in the immediate vicinity.

The Marysville Buttes. From here a fine view is obtained of the isolated chain of mountains known as the Marysville Buttes. They rise from the plain of the Sacramento valley to the height of 1,200 feet, and extend for some eight miles in length, forming a remarkable feature in the valley of the Sacramento.

Daily lines of stages leave Marysville for Shasta City, Bidwell's Bar, Gibsonville, Downieville, and other mining localities to the north and east.

Among the hotels at Marysville may be named the Merchants' Hotel, United States Hotel, Western House, and others. The city contains some very fine structures, principally of brick, which would compare favorably with many of our buildings in the Atlantic cities. The population is about 15,000.

From Marysville to Shasta City.

Journeying north, we leave Marysville by stage for Shasta city, distant 132 miles. The road is generally good, and almost a perfect level the entire distance, passing through the centre of the valley of the Sacramento, crossing the Sacramento river at Tehama; the journey is made in two days, stopping over one night on the road.

As the traveller journeys northwards many fine farms or ranches are passed—Bidwell's at Chico, Neals' & Lassens being the oldest and best known—many fine views of the mountains of the coast range, some of whose peaks rival those

of the Sierra Nevada, especially Mt. St. Helen, Mt. Lim, and Mt. St. John, which are each some 7 or 9,000 feet above the level of the sea.

To the eastward on our right, the snow-capped peaks of the Sierra Nevada rise gleaming in the sunshine, bathed in snow; beyond Red Bluffs, we obtain a fine view of the Lawsen Buttes, one of the most prominent peaks of the Sierra. Beyond Cottonwood Creek, near Maj. Reading's Ranch, we get a splendid view of Mt. Shasta, the highest mountain in California, a vast cone of snow rising to the height of 15,000 feet above the level of the sea, the magnificent landmark at the head of the Sacramento valley.

Shasta City. Soon after we enter the foothills of the mountains, and reach Shasta city, a village of some eight or ten hundred inhabitants.

The stage fare from Marysville is generally \$20 or \$25. This place is the centre of trade for the more northern mines of California—goods reaching here from San Francisco by the river to Colusa on the Sacramento 80 miles below; or when the water is in a good stage from Red Bluffs 40 miles distant—the head of navigation—they are then transported in wagons, or packed on animals.

Yreka. Journeying still north we reach Yreka, distant 116 miles, by stage or animals, passing through a very mountainous country, which has been only traversed by riding animals until lately. We also obtain some fine views of the mountains, especially of Mt. Shasta on the right, passing over the lofty summit of Scott's mountain, reaching Yreka in two days from Shasta city. Yreka is an important point in this region, is a thriving village of several hundred inhabitants, and is the centre of a rich mining region. A fine view of Mt. Shasta, distant some 30 miles, is attained from the ridge east of the town.

From here a trip to Jacksonville, Oregon, can be made on animals, occupying a couple of days, passing through the mining sections, the upper Klamath River, and over the great Siskiyou mountain.

From Jacksonville the Rogue River

The Sierra Nevada Mountains and Mines.

country can be reached in 9 miles, Sailors' Diggins, 55 miles, Althouse, 60 miles, & Crescent City on the Pacific coast 125 miles, traversing an exceedingly rough country, which has been dangerous to pass on account of the hostile tribes of Indians.

We have now reached the northern limit of our journey, and from henceforth our course will be a return to Marysville, via Yreka and Shasta city.

Perhaps an excursion from Yreka west to the coast would be of interest. Scott's Bar, a rich mining locality, lies some 25 miles distant. The mouth of Trinity River, 128 miles, mouth of Klamath River, 170 miles, and Trinidad on the coast, the same distance. From Shasta city the rich mining localities of Weaverville, distant 39 miles, can be visited on animals, or the mining regions on the upper Clear Creek. All these excursions can be accomplished on a riding animal. A mule is preferable at an expense of about \$6 dollars per day, which includes every thing. Good meals and sleeping accommodation are found along the routes, which is truly surprising, considering the almost impracticable nature of the country traversed.

The Sierra Nevada Mountains & Mines. Returning to Marysville by stage from Yreka and Shasta city, we will now make an excursion among the Sierra Nevada mountains, visiting the most celebrated mining regions which lie along their western slope.

Leaving Marysville by stage in the morning for Bidwell's on Feather River, we pass over a fine level road, reaching the latter place in half a day, distant 32 miles. Some of the most important river mines occur in this vicinity, and a trip on horseback down the river to Hamilton would be of much interest.

A stage route connects at Bidwell's for the American valley, via the ridge on the north side of Feather River, distant from Marysville 103 miles. This with the Indian valley, beyond some 12 miles, is an important agricultural and mining section, high up among the peaks of the Sierra.

On the south side Forbestown can be reached, and following up the divide of the Feather and North Yuba Rivers, the important mining sections of Gibsonville, 76 miles, St. Louis, 73 miles, Rabbit Creek, 70 miles, Nelson Creek, 75 miles, Onion Valley, 81 miles, &c. &c., returning by stage to Marysville.

Taking the Downieville Road from Marysville we soon come to the rich localities of Ousley's Bar, 16 miles; Park's Bar, 18 miles; Long's Bar, 16 miles on the Yuba River, reaching Forest City, 58 miles; Chipp's Diggings, 64 miles; Minnesota, 65 miles; and Downieville, on the North Yuba, 66 miles. By this route we visit some of the most important river and hill diggings in the State, finding good accommodations and fare at all points upon the road. Downieville is an important point, and is quite a city—the scenery in the vicinity bold and impressive.

Returning to Park's Bar by the same route we now take the road to Nevada, we reach Rough and Ready in 15 miles, and Grass Valley 5 miles farther. The latter place is one of the most important mining localities in the country, especially with regard to quartz mining operations; several days might be spent in examining the numerous mills and veins in the vicinity. Grass Valley is a large town, finely located, containing several fine hotels and beautiful residences, connected directly with Marysville and Sacramento by daily lines of stages. The surrounding country abounds, also, in Placer diggings, and is heavily timbered.

Nevada, the most important mining city, lies four miles beyond Grass Valley. This place contains a population of some 5,000 inhabitants, and is the centre of a large, rich mining region; like Grass Valley it contains numerous fine hotels, stores, and churches, indicating a prosperous state of things; and although it has suffered, like most of the cities of California, from fires, yet it has only improved by the disaster.

In the vicinity occur many heavy mining operations, the hill diggings and tunnels. It has ever been the first in using the improved methods of hy-

The Sierra Nevada Mountains and Mines.

draulic pressure, sluices, tunnels, &c. Immense outlays in water canals, for mining purposes, have been made in Nevada County.

A visit beyond, towards the head of the South Yuba, is of much interest. Besides the wild scenery, the stranger will be convinced of the exhaustless nature of the mining interests of California, as all the immense ridges dividing the Yuba River, extending for 20 or 30 miles in length, abound in the richest mines of gold, which will take centuries of labor to develop. The country also affords exhaustless quantities of the finest lumber, consisting of pine, cedar, fir, &c.

We will now journey southward, among the mountains, visiting some of the principal mining towns and celebrated localities. Leaving Nevada, or Grass Valley, by stage, we wind along through the mountains and forests, crossing Bear River, arriving at Auburn in 25 miles.

Auburn, the county seat of Placer County, is a fine village, accessible at all times from Marysville and Sacramento, by daily lines of stages; it has a population of about 1,000, and is the centre of a large mining region. In the vicinity are Gold Hill, Ophirville, with the numerous Bars on the middle and north fork of the American River.

Stages also connect with Illinoistown, Iowa Hill, Yankee Jims, Michigan Bluffs, celebrated mining places, beyond the east, distant from 18 to 35 and 40 miles.

Also by stage to Salmon Falls, Greenwood Valley, Georgetown, in El Dorado County, where we arrive the same day we leave Auburn, distant 22 miles.

Leaving Georgetown by the cross stage we reach Coloma, on the South fork of the American, 12 miles from the former place.

Coloma is a fine village of some 800 inhabitants, the county seat of El Dorado County, and is distinguished as the place where gold was first discovered. The remains of the old saw-mill of Captain Sutter are just below the present town, and will be looked upon with

much interest by the stranger as a memento of the great event which has revolutionized the commerce of the world.

From Coloma we proceed to Placerville, distant 12 miles. This is an important town, one of the largest in the mining region, containing some 2,000 inhabitants; the centre of a large and rich mining section.

Many of the emigrants to California, journeying across the plains, reach the country by the route terminating across the Sierra Nevada at this point; though other routes across the mountains are now used, this was of old the favorite one.

The emigrant, leaving the frontier of Missouri, at Westport or Independence, journeys up the valley of the Platte River, passing through the Rocky Mountains, by the South Pass; thence, via Salt Lake City, the Mormon settlement; or, via Bear River, to the North of the Great Salt Lake, reaches the head of Humboldt River; thence, down the latter to the sink of the Humboldt, reaching Carson's Valley, crossing the Sierra Nevada, either to Placerville or Hang Town, as it was formerly called; or, via Walker's River to Sonora; or the Mammoth Tree Route to Murphys. Routes also cross the Sierra to the North, coming in at Downieville, via the Trackee River; or, still to the North, by way of Noble's Pass, said to be the best in the range. A more recent survey has reported most favorably of the Mammoth Tree Route, reaching Calaveras County.

The distance travelled by this route, across the plains, is about 2,100 miles, and occupies wagon-teams some four months; mules can be ridden this distance in 60 days, though generally taking much more time.

Journeying south from Placerville, we pass through the important mining towns of Diamond and Mera Springs—the former, three miles from Placerville, and the latter, five miles; these are fine, thriving towns, surrounded by a rich mining country.

Returning toward the plains, and

Mokelumne Hill—Mammoth Tree Grove, etc.

reaching Dayler's Ranch, we take the stage for Michigan Bar, Dry Town, arriving the same day; or the route to Jackson, Volcano, and other places in Amador County. These are very important mining sections; especially Volcano, where some very large mining operations are found.

Volcano also contains many substantial improvements, and boasts of a permanent population, with a large proportion of families.

From Jackson we take the stage from Sacramento, and, crossing the Mokelumne River, on a fine bridge, reach Mokelumne Hill in seven miles.

Mokelumne Hill, the county seat of Calaveras County, is a large town, containing many fine stone buildings, with other permanent structures. In the immediate vicinity, some of the richest hill-diggings in the State have been found. A canal for bringing water for mining purposes, a distance of 40 miles, has been in use for several years; lumber is also floated down from the lumber region above.

In speaking of the canals of the mining region, it will be proper to state that millions of dollars are most profitably employed in their structure, and they are found traversing almost every ravine and flat; brought from far up the mountains at the sources of the streams; sometimes constructed of plank the entire distance, as the canal coming into Mokelumne Hill. These are among the greatest enterprises in the State, involving an immense outlay of capital and labor. In the county of El Dorado alone, there are above five hundred and ninety miles of canal, besides 450 miles of lateral branches, costing \$1,429,900.

From Mokelumne Hill we proceed by stage to San Andreas, 8 miles, and thence *via* Angel's Camp to Murpheys, an important town, distant from Mokelumne Hill 35 miles, arriving at the latter place at dark.

Murpheys is a village of six or eight hundred inhabitants, containing a fine hotel, built of stone. A daily line of stages reach Stockton from this point.

In the immediate vicinity of the town rich deep diggings and hill diggings occur, and are worked on an extensive scale, with "all the modern improvements."

The Mammoth Tree Grove.—We are now within 15 miles of the celebrated Mammoth Tree Grove.

Leaving Murpheys in the morning, we arrive at the grove in three hours, by carriages or on horseback, the road winding through a fine open forest, consisting of immense pines, firs, cedars, &c. At the grove a good hotel affords every accommodation to the visitor, and several days might be pleasantly spent at this point. The valley, which contains these monster trees, is at the source of one of the branches of the Calaveras River, 86 miles from Stockton and 213 miles from San Francisco. There are some ninety odd trees of this species now standing. The one cut down in 1853, for the purpose of carrying a section of its trunk to the Atlantic States, stands near the house; the stump measures 96 feet in circumference, and the tree was 302 feet high. Many now in the forest are over 300 feet high, and one, whose bark has been taken off 120 feet, is 327 feet high and 90 feet in circumference at the base.

Columbia.—Returning to Murpheys, we take the cross stage *via* Douglass Flat, Valliceto, crossing the Stanislaus River, at Abbey's Ferry, arriving at Columbia in 12 miles from Murpheys.

The scenery at the crossing of the Stanislaus is grand, and we find Columbia one of the largest and finest towns in the mining region, having a population of some 2,000, with fine brick stores, hotels, churches, &c., &c.

In the vicinity, many large mining operations are being carried on, which will interest the traveller.

Beyond, a little over a mile, is the thriving village of Springfield, and two miles farther lies Shaw's Flat, another important point.

Table Mountain, also, is well worth a visit. Many tunnels are found piercing the mountain for thousands of feet, yielding immense profits to the lucky

Sonora—Valley of the Yosemite—Mariposa.

owners. It is a formation of basaltic lava, and to the geologist its peculiar formation would be of much interest.

Sonora. Hourly lines of stages connect Columbia with Sonora, the county seat, distant four miles.

Sonora is the most important mining town in the southern mines, containing a population of about 3,000 souls. A fine Court House, several churches, three or four good hotels, and many fine stores adorn the place. Daily lines of stages leave and arrive from Stockton and Sacramento City, with many routes diverging north and south to the way places.

Coulterville. We will take the stage for Coulterville, Mariposa County, passing through Jamestown, 5 miles; Montezuma Flat, 8; Chinese Camp, 11; crossing the Tuolumne River at Don Pedro's Bar, 25. Arriving at Coulterville same day, distant from Sonora 40 miles.

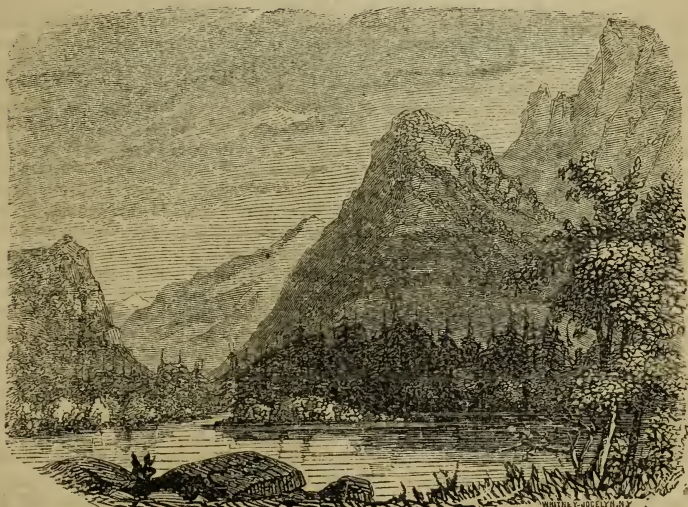
Coulterville is a small mining town, containing a few stores which supply

the miners in the vicinity; the traveller will find good accommodations at Coulter's Hotel. In the vicinity many large quartz veins occur, and one of the largest quartz mills in the southern section of the State.

The Valley of the Yosemite. A trip to the celebrated valley of the Yosemite from this point would amply repay the tourist. The valley is about 45 miles east of here, and is reached upon animals; the trip can be made in four or five days, with ample time to view the different points in the valley. The High Falls of the Yosemite Valley are 2,500 feet in height, while four other cascades, from 200 to 900 feet, in the immediate vicinity, are objects of the highest interest to the lovers of nature.

The scenery of this valley, also, is perhaps the most remarkable in the United States, and perhaps in the world.

Mariposa. From Coulterville we can reach Mariposa by mules, crossing



Valley of the Yosemite, California.

the Merced River, or by returning towards the plains, taking the cross stage from Sonora at French Bar, on the Tuolumne River,—distance by the latter route about 50, and by the former 25 miles.

Mariposa, the county seat of Mariposa County, is about 90 miles from Stockton, with which it is connected by daily lines of stages occupying nearly two days, staying over night at a house on the Merced. The town has a population of about 1,500 inhabitants, and contains numerous fine stores, several hotels, &c. In the vicinity many rich quartz veins occur, among which may be mentioned the "Fremont Vein." The valley of the Mariposa (a creek) is owned by the land claim of Col. Fremont. Its value has been greatly overrated; still many portions of the valley are important for agricultural purposes. The placer mines and veins, however, belong to the hardy miner.

In the immediate vicinity of the town are many rich placer diggings, and several mining towns lie toward the plains, viz., Aqua Frio Hornebas, Quartzburgh, &c.

The San Joaquin. From Mariposa, a journey south toward the San Joaquin will have to be performed on animals, as no public routes are running south of this point. Fort Miller, on the San Joaquin, is distant about 50 miles, and can be reached via the Fresno River, or by returning to the plains and taking the wagon route crossing the lower Mariposa, Chowchilla, Fresno. Accommodations for travellers are found all along the route.

From Fort Miller, south, the road passes near the foot hills of the Sierra, of which many fine views are obtained. In 30 miles we reach King's River, a large stream, the principal tributary of the Great Tulare Lake, of the valley of the San Joaquin.

King's River Settlement contains some of the finest agricultural land in the State. The river bottoms are finely timbered with oaks, and the view toward the mountain exceedingly fine.

Beyond King's river we journey over

a level plain, with the snow-capped peaks of the Sierra on our left, arriving at the Four Creek country in 39 miles. This is one of the most beautiful portions of California, and is destined to contain a large agricultural population; the settlement now contains some 300 or 400 souls. The view from near the bridge of the mountains is one of the grandest in the whole range of the Sierra.

The next point south is Tulu river, distant 25 miles; thence onward south we arrive at Kern river, distant some 270 miles from Stockton; two days from Tulu river.

From Kern river to Tejon Pass and the Indian Reservation at the head of the great valley of the San Joaquin, a distance of 36 miles, and about 325 miles from Stockton, we arrive the same day. Here the Sierra Nevada and Coast Range meet, and form the head of the valley at the pass of the Canada de las Nevas.

A route via the latter pass, or the old pass of the Tejon, conducts the traveller to Los Angeles, a distance of 110 miles to the south.

The traveller will now return along the great valley of the San Joaquin, a distance of about 325 miles, re-crossing Kern river, Tulu river, the Cahwea or Four Creeks, King's Rio, San Joaquin, Fresno, Chowchilla, Mariposa, Merced, Tuolumne and Stanislaus rivers. All these are different tributaries coming down from the Sierra and flowing into the San Joaquin, which falls into the Bay of Suisun, an arm of the Bay of San Francisco.

Stockton. In six days from the Tejon Reservation, the traveller arrives at the city of Stockton.

This important place is situated upon a slough or arm of the San Joaquin river, and is 125 miles from San Francisco via the steamboat route.

Stockton is the centre of trade and travel for all the country south of the Cosumnes river, the district generally known as the Southern Mines.

The city contains a population of some 10,000 inhabitants, having several

Stockton—Down the Coast—Monterey, etc.

churches, a theatre, several good hotels, among which are the Weber House, Magnolia House, United States Hotel, etc. The streets are well graded and planked; many of the stores and other places of business are fine structures of brick. A daily line of steamers from San Francisco reach the place in the morning, and connect with the numerous lines of stages which leave every morning for the various mining towns in the interior. In the environs of Stockton, particularly toward the Calaveras river, many fine farms or ranches are located, and under good improvement. The State Asylum for the insane, a noble structure, is situated near the suburbs of the city.

Leaving Stockton on the return to San Francisco, we take the steamer at 4 o'clock P. M., and wending our way down the narrow crooked channel of the San Joaquin, we see but little to interest, as the country is almost a total marsh, covered with the rush called the Tulu, toward the setting sun. Mount Diablo rears his double summit to the height of 3,790 feet, presenting a grand outline, while the coast range stretches to the south as far as the eye can reach, forming the western boundary of the great valley which we have just traversed.

Morning finds us at our comfortable quarters in San Francisco, after the long tour through the great valleys of the Sacramento and San Joaquin, with the ride through the mountains of the Sierra Nevada, which forms the eastern boundary of these great valleys. The time occupied by such a trip would be in the neighborhood of two months, at an expense of about \$500.

Down the Coast. A pleasant and most interesting trip, via the coast, to Los Angeles and San Diego, can be made in two or three weeks.

Weekly lines of coast steamers leave San Francisco for the southern ports, touching at Monterey, Santa Barbara, San Pedro (the port of Los Angeles), to San Diego, 485 miles, making the trip down in 4 days, returning in about the same time. The fare is generally about \$10 each way.

Monterey is beautifully situated upon the bay of the same name, 90 miles by sea from San Francisco. It was formerly the seat of government, and principal port on the coast of California.

But since the rise of San Francisco, its commerce and business have dwindled away, and now it is one of the most quiet and forlorn places in the State. The view of the town from the anchorage is very fine, especially if visited in the months of April or May. The green slopes upon which the town is built, contrast beautifully with the forest of pines which grow upon the ridges beyond.

Santa Barbara. The steamers afford a fine view of the coast, as they pass very near the land, and approaching Santa Barbara, the view is very imposing. High ranges of mountains bound the view to the eastward, while the beautiful valley in which the town is situated, stretches far to the northward, finely relieved by a back-ground of misty mountains grand in outline.

This place, with the other ports along the coast, is famous for the hide business, formerly the staple product of California.

Santa Barbara has no protected harbor like San Pedro and other places along the coast; it is only an open roadstead, dangerous during a southeaster, which, however, occurs only during the rainy season.

The town, like Monterey and the other old places in California, retains much of its old Spanish look—the buildings of adobes or sun-dried bricks, roofed with tiles, presenting a venerable appearance.

A ride to the mission of Santa Barbara, about 3 miles from the landing, would be of interest.

The climate below Point Conception (which lies between Monterey and Santa Barbara) is much milder. The north-west winds which prevail to the north, are not felt, and the climate is much warmer.

Los Angeles. From San Pedro (300 miles from San Francisco) we pro-

San Diego—Up the Coast, etc.

ceed to Los Angeles, the most important place in the extreme southern part of California, by the stage route of 27 miles from the former port.

Los Angeles is situated on the San Gabriel river, whose waters rise to the eastward among the high peaks of the coast range. The houses are mostly of the Spanish style, one story, with flat roofs, covered with asphaltum, which abounds in the vicinity.

Along the banks of the river for miles are situated the vineyards and orange groves, the pride of Los Angeles.

Vast tracts of the fertile plains and river bottoms are irrigated by the waters of the river, producing every variety of fruit and vegetable common to the warm and temperate climes.

In the months of March and April, looking from these fertile plains, covered with the richest verdure, the snow-clad heights beyond contrast beautifully with the flowers at their feet.

To the south, Mount St. Bernardino rises, covered with snow, 80 miles distant, and marks the site of the pleasant valley in which the Mormon settlement of Bernardino is situated.

San Diego. Returning to San Pedro by the stage, we leave for San Diego, the most southern port of California; distant from San Francisco 490 miles.

This is one of the best harbors on the coast; well protected, and having a fine depth of water. There is nothing very agreeable about the town, and the scenery is quite uninteresting. A fine grazing country inland abounds in large cattle estates.

We will now return to San Francisco, and thence take a look at the more northern places along the coast.

Up the Coast.—Steamers leave San Francisco semi-monthly, or on the arrival of the Panama steamers for Oregon, touching at the principal ports along the northern coast of California and Southern Oregon.

A line is usually plying to Port Orford and the intermediate ports of Trinidad and Crescent City. Sailing vessels also are constantly leaving San Francisco for Puget Sound and Vancouver's Island.

Many of the Northern Mines, near the coast, are reached by vessels running to Humbolt Bay, Trinidad, Crescent City, and Port Orford, in Oregon, the gold range approaching the coast. Coal is also found in immense beds in the vicinity of Coose Bay, Oregon.

Many points of interest are reached by the tourists at these places.

The scenery, however, of the Columbia River, is wild and grand beyond description. Vessels of the largest size proceed up the river from Astoria, at the mouth, to Portland, a distance of about 50 miles, and beyond to the falls of the river, where the Cascade Range of mountains cross.

Some of the mountain peaks of the Cascade Range rival those of the Andes; covered with perpetual snow, and can be seen from various points on the Columbia River. Among which may be named, Mt. Hood and Mt. Jefferson.

Portland City is quite a place, situated at the falls of the Willamette.

The valley of the Willamette is the garden of Oregon, and contains a large population of permanent settlers, many of whom had located on farms, some time before the Americans commenced locating in Columbia.

A month's travel to the various places on the Columbia River would amply repay the tourist, and can be made from San Francisco at an expense of about \$175, including the fare each way.

The distances from San Francisco are as follows: To Trinidad, Cal., 240 miles; to Crescent City, Cal., 300 miles; Port Orford, Oregon, 360 miles. To Astoria, mouth of the Columbia River, 518 miles; Portland City, Oregon, 668 miles.

Sometimes a steamer makes the voyage to Puget's Sound and Vancouver's Island, but generally a sail vessel will have to be taken from San Francisco. Although many settlements exist upon the waters of Puget's Sound, still the country is new and almost in a state of nature, its primeval forests scarcely touched by the axe of the settler. The country in the vicinity is said to be rocky and sterile. Its lumber and fisheries will, for years to come, be the prin-

Routes from San Francisco.

cipal attractions to the emigrant. Owing to the continued hostilities of the war-like tribes of Indians, the interior is scarcely known.

Many of the majestic peaks of Northern Oregon are visible from the waters of the Sound, forming some of the most sublime scenes on the western coast of America.

Among these, are Mt. Baker, Mt. St. Helens, and Mt. Reighner, whose altitudes are from 15,000 to 18,000 feet above the level of the sea, covered with perpetual snow. Like Mt. Shasta, in Northern California, these peaks rise almost isolated cones, and are evidently extinct craters. Some of them have shown volcanic action within the last few years, particularly the imposing heights of Mount St. Helen's.

A voyage to and from St. Puget's Sound might be made in a sailing vessel at a cost of \$150, in a month or six weeks' time, if one's leisure should be abundant.

Or the traveller could reach the southern end of the Sound from Fort Vancouver, on the Columbia River, visiting the valley of the Cowlitz, returning to San Francisco *via* the steamer. This

could also be included very conveniently and pleasantly in the trip to Astoria and Portland.

Returning to San Francisco, a voyage to the Sandwich Islands, a distance of 2,000 miles, could be made per sailing vessels in 12 or 14 days, at a cost of \$75 to and from the island. The return voyage generally occupies 20 or 25 days, though the run has been made in much less time.

Vessels of every description are constantly leaving San Francisco for all the various groups of Islands in the Pacific Ocean, and the various ports of Mexico, Central America and South America. All the latter can be reached per steamers, which touch at all the ports from San Francisco to Valparaiso, in Chili.

Clipper ships also are constantly leaving for the ports of China, touching at the Sandwich Islands frequently; and several lines are constantly plying to and from Australia, touching at many of the Pacific groups of Islands, offering all desirable accommodations to the voyager.

The fare to China or Australia, is from 100 to 250 dollars.

SUMMARY OF ROUTES IN CALIFORNIA AND OREGON, FROM SAN FRANCISCO TO

PLACE.	CONVEYANCE.	DISTANCE	TIME.	FARE.	REMARKS.
		Miles.			
Sacramento City.....	Steamboat,	127	7 hours,	\$8,	
Stockton.....	do.	125	10 "	do.	
San Jose.....	Steamer & Stage,	50	6 "	\$5,	
Benecia.....	Steamer,	30	3 "	\$3,	By Sacramento or Stockton Boats.
Nassa and Sonoma.....	Steamer & Stage,	50	10 "	\$3 to 8,	
Oakland.....	Steamer,	9	1 "	50 cts.	
Alameda.....	do.	12	1 "	do.	
Monterey (by land)....	Stage,	126	1½ days,	10,	Via San Jose.
New Almaden Mines....	do.	62	12 hours,	5,	do.
Monterey (by sea).....	Steamer,	90	12 "	\$20,	
Santa Barbara.....	do.	300	36 "	\$40,	
San Pedro and					
Los Angeles.....	Steamer & Stage,	425	3 days,	\$50,	Stage 27 miles.
San Diego.....	Steamer,	485	4 "	\$50,	
Trinidad and	do.	240	2 "	"	
Crescent City.....	Steamer,	300	2 "	"	
Port Orford, Oregon....	do.	360	3 "	75,	
Astoria, "	do.	513	5 "	"	

Routes from Stockton and from Sacramento City.

SUMMARY OF STAGE ROUTES FROM STOCKTON TO

PLACE.	DISTANCE.	FARE.	TIME.	REMARKS.
	Miles.			
Sonora, Tuolumne Co...	65	\$3 to \$5,	10 hours,	Via Knight's Ferry, &c.
Columbia, do. ...	69	do.	do.	
Mokelumne Hill, Calaveras Co.....	49	\$5 to \$7,	8 hours,	From Murpheys to Mammoth Tree Grove, 15 miles by private conveyance; time, 3½ hours; \$5 per day for animals.
Murpheys.....	71	\$8,	12 "	
Mariposa	95	\$12,	1½ days,	From Coultersville or Mariposa the Yosemite Valley can be reached on animals in a day and a half. Mules \$3 to \$5 per day. Best Route from Coultersville; distance, 45 miles.
Coultersville.....	85	\$12,	15 hours,	

All the numerous mining towns in the Counties of Calaveras, Tuolumne, Stanislaus, Merced, Mariposa, &c., can be reached by either of the above routes, or by lines of coaches in connection with the above, departing and arriving with excellent despatch.

Tulare County, Kern River, and the Tejon Reservation, can be reached by the regular wagon road on animals or in private vehicles, always readily and reasonably procurable.

SUMMARY OF STAGE ROUTES FROM SACRAMENTO CITY TO

PLACE.	DISTANCE.	FARE.	TIME.	REMARKS.
	Miles.			
Marysville	44	\$3 to \$5,	6 hours,	Fine level road.
Nevada	69	\$10,	10 "	
Grass Valley.....	65	do.	9 "	Same road.
Auburn.....	38½	\$5,	8 "	
				Passes on to Grass Valley and Nevada, and connects at Auburn for Illinoistown, Iowa Hill, and places beyond.
Georgetown, via Greenwood Valley...	60	\$12,	10 to 12 h.	Via Mud and Diamond Springs.
Coloma	52	\$10,	10 hours,	
Placerville.....	51	\$3 to \$10,	10 "	Same Stage for Fiddletown, 52 m., and Indian Diggings, 63 miles.
Drytown	40	\$5 to \$8,	8 "	
Jackson, } Same	51	\$3 to \$10,	8 "	Fine level road.
Volcanoville, } Stage	65	do.	12 "	
Stockton.....	60	\$5 to \$8,	10 "	Via Mokelumne Hill.
Sonora.....	80	\$10 to \$12,	15 "	

The numerous mining camps and side places are reached by way coaches from either of the above places. The traveller will find no lack of attractive *detours* to occupy his time.

The roads in California are of a quality which would be most creditable to a country of venerable age. The public conveyances have no short-comings to remind the passenger of the brief interval only which has elapsed since their appearance surprised the wilderness; and the speed with which they travel is in perfect keeping with the rapidity of movement characteristic in all things of the latitude.

Routes from Marysville, Cal.

SUMMARY OF STAGE ROUTES FROM MARYSVILLE TO.

PLACE.	DISTANCE.	FARE.	TIME.	REMARKS.
	Miles.			
Shasta City.....	132	\$20 to \$25,	2 days,	Staying one night at Bidwell's or Chico.
Yreka.....	248	\$30 to \$40,	5 "	Via Shasta City.
Bidwell's Bar.....	32	\$5 to \$8,	6 "	With connections for places beyond.
Gibsonville.....	76	\$12,	12 "	Passing on to the numerous places in vicinity.
Downieville.....	66	\$12,	14 "	Passing through Forest City, Chipps, Minnesota, &c., &c.
Ophir.....	26	\$5,	4 "	and beyond to Thompson's Flat.
Nevada.....	42	\$4 to \$8,	8 "	Passing through Rough and Ready, and Grass Valley, &c., &c.
Auburn.....	36	\$3 to \$6,	7 "	Passing through Gold Hill and Ophirville, &c.
Colusi, on the Sacramento River....	15	\$5,	4 "	

Several other stage lines from Marysville.

Stages connect with the small steamers at Petaluma for Santa Rosa Valley, Russian River, Bodega, on the coast, and a line to the Geysers and Napa Springs (recently).

Stages leave Benecia for Vallejo, 7 miles; Napa, 20 miles; Sonoma, 31,

and thence to the Springs. A line also goes to Sacramento City by land, via Suisun, Putah and Cache Creek, &c.

Stages also leave Napa City for all the places in Napa Valley to the Springs, on the arrival of the steamer from San Francisco.

OREGON TERRITORY.

THIS territory of the United States, now on the eve of admission into the Union as a State, lies on the Pacific Ocean, separated from the wilds of British America by Washington territory only, and on the east from Nebraska by the Rocky Mountains. Utah and California lie on its southern borders.

The wonderful course of empire of late years towards the western shores of the United States, is bringing Oregon, scarcely less than California, into the great family of prosperous and populous nations. It was but the other day that the only homes of civilization in that remote land were found in the rude cabins of the exiled trappers, and now the lonely waters are everywhere traversed by richly freighted steamers, and their shores adorned with cities and towns and cultivated fields.

The first visit of the white race to Oregon was in 1775, when a Spanish voyager entered the Juan de Fuca Straits. Three years afterwards (1778), the celebrated navigator, Captain Cook, sailed along its shores. In 1791 the waters of the Columbia river were discovered by Captain Gray, of Boston. An expedition, or exploring party, was sent out in the year 1804 by the United States, commanded by Lewis and Clark, who wintered in 1805-6 at the mouth of the Columbia. From this period the coast was a great resort of both English and American fur traders.

By the treaty with Great Britain in 1846, this great territory, which had up to that time been jointly occupied by English and American adventurers, was di-

vided—the one taking the portion above the parallel of 49° north latitude, and the other all the country south of that line.

Emigration to Oregon was earnestly commenced in 1839. For some years the settlement of the country was retarded by the more brilliant attractions of California, though the ultimate result of this neighborship will be a great means of development, as Oregon is an agricultural land, whose products will be required by the mining population of the lower State.

Washington Territory, on the north, was a part of Oregon until the year 1853, when it was erected into a distinct government.

The physical apportionment of Oregon falls naturally into the three divisions of the lower region, lying next to the Pacific; the middle lands between the Cascade Range and the Blue Mountains, and the eastern or upper country, extending from the Blue to the Rocky Mountains.

The coast of Oregon, viewed from the sea, is like that of California, stern and rock-bound, excepting that while in the latter region the nearer mountains follow the line of the shore, in Oregon they approach the ocean at a great angle. The lower or Pacific country occupies an area of from 75 to 120 miles wide, in which lie the great valleys of Willamette, Umpqua, and Rogue rivers.

The middle region is an elevated plateau, extending 160 miles. The upper lands lying on the western slopes of the Rocky Mountains, are desolate and sterile, covered with repulsive beds of lava, in which the rivers and streams have worn deep, impenetrable gorges.

Though the valley lands of the Willamette and the adjacent regions are extremely fertile, yet the greater portion of Oregon is unfit for tillage, being, as it is, a country of untamed and untamable hills.

The climate here, as on all the Pacific coast, is milder than in corresponding latitudes, near the Atlantic. The winters are comparatively brief and the snows light.

Gold and other valuable minerals exist here, though whether to any great extent is not yet ascertained.

The Columbia River of Oregon, is the greatest on the Pacific slope of this Continent. It rises in a small lake among the western acclivities of the Rocky Mountains, and flows in a devious course 1,200 miles to the Pacific, forming a great portion of the dividing line between Oregon and Washington Territory on the north. Its earliest meanderings are northward along the base of its great native hills, and afterwards its way is due west to the sea, though very capriciously. It is a rapid river, pushing its way through mighty mountain passes, and in many a cataract of marvellous beauty. In its course through the Cascade Range, it falls into a series of charming rapids, which may be numbered among the chief natural attractions of the country. The tide sets up to this point 140 miles. For 30 or 40 miles from its mouth, the Columbia

spreads out into a chain of bay-like expansions, from 4 to 7 miles or more in width. The shores are lined with grand mountain heights, making the landscape everywhere extremely interesting and impressive. We should far exceed our present opportunity in attempting even the briefest catalogue of the pictures on these noble waters. Vessels of 200 or 300 tons burthen may ascend to the foot of the cascades, of which we have already spoken. Above this point the river is navigable for small vessels only, and but at intervals in its course. The principal towns and settlements of the territory are upon the banks of the Columbia and its affluents.

The Willamette River flows from the foot of the Cascade Range, in the western part of the territory, 200 miles, first north-west and then north to the Columbia, 8 miles below Fort Van-

Valley of the Willamette—Mountains—Towns—Routes.

couver. Its way is through the beautiful valley lands which bear its name, and upon its banks are Oregon City, Portland, Marysville, Salem, and other thriving settlements. Steamboats may ascend 15 miles, to Portland. Ten miles beyond this point a series of fine falls occur in the passage of the river, above which the waters are again navigable, perhaps 60 miles, for small steamboats. The Falls of the Willamette is a famous place for the capture of the finest salmon. Among the tributaries of the Willamette are the Tuality, Yam Hill, Rockread, Luckemiute, Mary's and Long Tom rivers, coming from the base of the Callepooya Mountains, and the McKensie, Sexton's, Coupé, Sandyam, Pudding, Clackaneus, and Milwaukee rivers, from the Cascade Range.

The Valley of the Willamette is the most fertile region of Oregon, and one of the most attractive in its natural curiosities. Many remarkable examples are to be found here of those eccentric mountain formations known as Beetlers—huge, conical, insulated hills. Near the mouth of the Coupé river, there are two of these heights which tower up 1,000 feet, but half a mile removed from each other at their base. They are called Pisgah and Sinai. They stand in the midst of a plain of many miles in extent. At a point near the Rickreall river, in the Willamette Valley, no less than seven snow-capped peaks of the Cascade Range may be seen.

Between the Blue Mountains and the Cascade Range lie a number of small lakes.

The Cascade Range includes some of the loftiest mountain peaks in the United States, among which are Mount Hood, Mount Jefferson, and Mount Pitt. The first of this grand trio has a volcanic crest 14,000 feet above the level of the sea.

Forest Trees. Oregon, like California, is famous for its wonderful forest growth. The Lambert pine, a species of fir, sometimes reaches, in the lower part of the country, the magnificent height of 300 feet.

Salem, the capital of Oregon, is on the Willamette River, 50 miles above Oregon City.

Oregon City, the former capital of the territory, is upon the Willamette, hidden in a narrow, high-walled valley or canon. Falls on the river at this point afford great manufacturing facilities to the growing settlement.

Portland, the largest and most important town in Oregon, with a population of about 8,000, is upon the Willamette, at the head of ship navigation, 15 miles from its entrance into the Columbia.

Milton is upon the west-side of the Columbia, 30 miles from Portland.

Astoria, named in honor of its founder, John Jacob Astor, is on the south side of the Columbia river, some ten miles from its mouth. This was at one time an important depot in the fur trade of the region.

Routes. Steamboats ply regularly between San Francisco and the landings on the Columbia, the Willamette, and other rivers of Oregon, affording ready access between all points. In default of water communication, there are good stage routes in all directions.

From St. Louis to Oregon, through Pass in the Rocky Mountains.

BY STEAMBOAT.

To St. Charles.....	40
Gasconade River.....	74 114
Osage River.....	32 146
JEFFERSON CITY.....	10 156
Booneville.....	53 209
Lexington.....	100 309
INDEPENDENCE.....	61 370
Kansas River Landing.....	12 382

BY LAND.

Kansas River Crossing.....	75 457
Platte River.....	220 677
Forks of River.....	15 692
Chimney Rock.....	155 847
Scott's Bluff.....	22 869
Fort Laramie.....	60 929
Red Butte.....	155 1084
Rock Independence.....	50 1134
South Pass (Fremont's).....	110 1244
Green River.....	69 1313
Beer Springs.....	191 1504
Fort Hall.....	50 1554
American Falls.....	22 1576
Fishing Falls.....	125 1701
Lewis River Crossing.....	40 1741
Fort Boisse.....	130 1871

Physical Characteristics ; Settlements and Routes of Washington Territory.

Burnt River.....	70	1941	Falls River.....	20	2214
Grand Ronde.....	68	2009	The Dalles.....	20	2234
Fort Wala Wala.....	90	2099	Cascades.....	45	2279
Umatillah River.....	25	2124	Fort Vancouver.....	55	2334
John Day's River.....	70	2194	ASTORIA.....	100	2434

WASHINGTON TERRITORY.

WASHINGTON TERRITORY, until recently a part of Oregon, occupies the extreme north-west corner of the domain of the United States. Its greatest extent is about 600 miles from east to west and 200 from north to south. On the north, it is separated from British America by the Straits of Juan de Fuca. The Rocky Mountains lie on its eastern boundary, Oregon on the south, and the Pacific Ocean on the west.

The general appearance of this region is very similar to that of Oregon—traversed as both countries are by the same mountain ranges and rivers. The Columbia traverses the territory, dividing it into unequal parts and separating it from Oregon on the south. Mount Olympus, the chief peak here of the Coast Range, is 8,197 feet high, covered, like most of the summits of the region, with everlasting snows. Mount St. Helen's, one of the spurs of the Cascade Range, has an elevation of 12,000 feet; and Mount Rainier, on the same chain, rises 13,000 feet. Mounts Adam and Baker are other grand peaks of the Cascade Range.

The chief source of wealth to the people of Oregon, is at present in the utilization of their immense forests of fir, and spruce, and cedar, though by and by, as the land becomes cleared, it can be made productive by agricultural industry, especially in the culture of grass and the raising of live stock. The mammoth trees of California and Oregon are found also in this region.

The wilds of Washington Territory abound in elk, deer and other noble game. Wild fowl, also, of many varieties, are plentiful; and in no part of the world are there finer fish than may be caught here.

The rivers of Washington are rapid mountain streams, replete with picturesque beauty in bold rocky cliffs and precipices, and in charming cascades.

Olympia, the capital of Washington Territory, is built on Tenalquet's or Strule's River, at its entrance into Puget's Sound, in the extreme western or Pacific section, and esteemed as the best part of the country.

The other principal towns and settlements of this Territory—are Nesqually, Steilacoom, Seattle, Port Townsend, New York, and New Dungeness, on Puget's

Sound and Admiralty Inlet; Pacific City, Catalamet, Fort Vancouver, Monticello and Cascade City, on the Columbia River; Wabassport, and Cowlitz Farms, on the Cowlitz River; and Pennscove, on Whiddy's Island.

Routes to the settlements in Washington Territory, by steamboats from San Francisco, along the coast, and to points on the Columbia River.

KANSAS.

THE extraordinary circumstances which have effected and accompanied the recent sudden and rapid settlement of Kansas, have made its name and character more familiarly known than that of any other portion of the great western wilderness.

The passage of the famous Nebraska bill by the Congress of 1853-4, having

Settlement of the Territory.

permitted the introduction of slavery in this region, from which it had before been excluded by the act known as the Missouri Compromise—the ultraists of the north and south, called respectively the free soil and the pro-slavery parties, immediately arrayed themselves against each other and made prodigious efforts to possess the land, by settling it with people of their own opinions. Thus, under the guise of legitimate emigration sometimes, and without any disguise at others, a system of propagandism was earnestly set on foot in New England and other portions of the north, which was met and repelled by opposing efforts from the south. Kansas became all of a sudden a comparatively populous region, and when its number were sufficient to authorize a political organization and the strength of the rival parties (the one advocating the exclusion of slavery and the other its introduction) came to be tested at the ballot-box, quarrels ensued, which grew to the magnitude of civil war, with all its horrors of anarchy and blood. The struggle became so angry, that all means, whether fair or foul, were used by the opposing factions, each to secure the ascendancy of its own principles. The distressing incidents of these long months of domestic strife, are stories of yesterday, still fresh in the popular memory. The vexed question remains yet unsettled, but Kansas is quiet again; and when the disputed subject again comes up for discussion, it may be hoped that the decree of the majority of the people will be submitted to—be that decree whatever it may—without further unlawful and revolutionary protest.

Kansas remains at present under territorial government, but—the question of free soil and slavery not interfering—will, no doubt, soon be admitted into the Union as an independent State. It is a country of noble proportions, extending no less than 630 miles in its greatest length and 208 miles in extreme width. Nebraska lies on the northern boundary of the region, the States of Missouri and Arkansas on the east, the Indian Territory and New Mexico on the south, and New Mexico and Utah on the west.

The prevailing landscape features of Kansas are those of gently alternating ridges, or terrace and valley. The country is a vast undulating plain from the eastern side to the base of the mountain ranges on the west.

“The face of this country,” says a traveller,* “is beautiful beyond all comparison. The prairies, though broad and expansive, stretching away miles in many places, seem never lonely or wearisome, being gently undulating, or more abruptly rolling; and, at the ascent of each new roll of land, the traveller finds himself in the midst of new loveliness. There are also high bluffs, usually at some little distance from the rivers, running through the entire length of the country, while ravines run from them to the rivers. These are, at some points, quite deep and difficult to cross, and, to a traveller unacquainted with the country, somewhat vexatious, especially where the prairie grass is as high as a person’s head, while seated in a carriage. There is little trouble, however, if travellers keep back from the water-courses, and near the high lands. These ravines are in many instances pictures of beauty, with tall, graceful trees, cotton-wood, black walnut, hickory, oak, elm and linwood, standing near, while springs of pure cold water gush from the rock. The bluffs are a formation unknown in form and appearance, in any other portion of the west. At a little distance, a person could scarcely realize that art had not added her finishing touches to a work, which nature had made singularly beautiful. Many of the bluffs appear like the cultivated grounds about fine old residences within the Eastern States, terrace rising above terrace, with great regularity; while others look like forts in the distance. In the eastern part of the territory, most of the timber is upon the rivers and creeks, though there are in some places most delightful spots;

* Kansas: Its Interior and Exterior Life. By Sara T. L. Robinson.

Physical Character—Rivers, Towns, etc:

high hills crowned with a heavy growth of trees, and deep vales, where rippling waters gush amid a dense shade of flowering shrubbery.

"Higher than the bluffs are natural mounds, which also have about them the look of art. They rise to such a height as to be seen at a great distance, and add peculiar beauty to the whole appearance of the country. From the summit of these the prospect is almost unlimited in extent, and unrivalled in beauty. The prairie for miles, with its gently undulating rolls, lies before the eye. Rivers, glistening in the sunlight, flow on between banks crowned with tall trees;—beyond these, other high points arise. Trees are scattered here and there, like old orchards, and cattle in large numbers are grazing upon the hill-side and in valleys, giving to all the look of cultivation and home-life. It is, indeed, difficult to realize, that for thousands of years this country has been a waste, uncultivated and solitary, and that months only have elapsed since the white settler has sought here a home.

"The climate is exceedingly lovely. With a clear, dry atmosphere, and gentle, health-giving breezes, it cannot be otherwise. The peculiar clearness of the atmosphere cannot be imagined by a non-resident. For miles here a person can clearly distinguish objects, which, at the same distance in any other part of this country, he could not see at all. The summers are long, and winters short.

"The winters are usually very mild and open, with little snow,—none falling in the night, save what the morrow's sun will quickly cause to disappear. So mild are they, that the cattle of the Indians, as those of the settlers in Western Missouri, feed the entire year in the prairies and river-bottoms. The Indians say that, once in about seven years, Kansas sees a cold and severe winter, with snows of a foot in depth. Two weeks of cold weather is called a severe winter. Then the spring-like weather comes in February; the earth begins to grow warm, and her fertile bosom ready to receive the care of the husbandman."

The Kansas River. The largest stream of this territory, excepting the Missouri, which washes its north-eastern boundary, is formed by the Republican and the Smoky Hills Forks, which rise in the Rocky Mountains, and unite their waters at Fort Riley. The length of the Kansas, including its branches, is nearly 1,000 miles. Its course is through a productive valley region or plain, covered with forest trees, and varied here and there with picturesque bluffs and hills. The Kansas river is a tributary of the Missouri, and steamboats ascend from its mouth, 120 miles to Fort Riley.

The Platte River rises in the Rocky Mountains in two arms, called the North and the South Falls, and runs 1,200 miles into the Missouri. It is navigable at high water for hundreds of miles, though it is usually shallow, as its name implies. It abounds in islands, and in some places spreads over a breadth of three or more miles.

The Arkansas River has nearly half its course within the borders of Kansas. The Osage River flows nearly eastward, 500 miles to the Missouri, 10 miles below Jefferson city.

Pike's Peak, one of the loftiest spurs of the Rocky Mountains in this latitude, rises near the western borders of Kansas. Its summit is 12,000 feet in air, covered with perpetual snow.

The South Park is a natural enclosure of remarkable beauty. It is carpeted with rich grass, and environed by high mountain tops.

The Buttes of Kansas are striking perpendicular elevations with flat surfaces. They vary from 100 feet to hundreds of yards.

A few years ago, the only white settlements in Kansas, as in Nebraska, were the United States military stations, but now pleasant villages and cities are springing up over all the land.

Pawnee, on the north branch of the

Towns and Routes in Kansas.

Kansas, 12 miles west of the confluence of the Big Blue River, was designated as the place of meeting of the first legislature, July 2d, 1855. It was adjourned on the 6th of July, without the sanction of the governor, to the Shawnee mission near Westport.

The chief towns of Kansas are upon the Missouri and the Kansas Rivers. Wyandotte city is at the confluence of the Missouri and the Kansas. Leavenworth city is immediately South of Fort Leavenworth. Kickapoo is 15 miles further north. Atchison is yet 20 miles above, at the mouth of Independence Creek, and Doniphan is 20 miles yet further up.

Lawrence city, Douglass, Tecumseh and Whitfield are upon the Kansas River.

Elm Grove, Council city and Council Grove are upon the Santa Fe Trail.

Settlements are growing up also on the Osage and the Big Blue Rivers, and also upon some of the minor affluents of the Kansas.

Routes to Kansas. From New York to St. Louis and Erie Railway to Dunkirk—thence to Chicago—thence to St. Louis, 1,272 miles. From St. Louis to Kansas, by the Missouri River, 450 miles. Total distance from New York 1,722 miles; average time, 10 days. For other routes to St. Louis, see St. Louis.

Great floods of travel are now flowing towards Kansas and Nebraska, some by others than the St. Louis route, indicated above, though that is at present every way the best.

DISTANCES AND NAMES OF PLACES BETWEEN ST. LOUIS AND FORT LEAVENWORTH, AND ALSO THE MOUTH OF THE YELLOW STONE, BY STEAMBOAT.

To Cabris Island.....	7	3
Chouteau's Island.....	7	10
Mouth of Wood River.....	5	15
Missouri River.....	3	13
St. Charles.....	22	40
New Port.....	46	86
Pinkney.....	7	93
Mouth of Gasconade R.....	21	114
Portland.....	10	124
Mouth of Osage River.....	21	145
JEFFERSON CITY.....	9	154
Marion.....	16	170
Nashville.....	10	180
Rocheport.....	14	194
Booneville.....	10	204
Arrow Rock.....	15	219
Chariton.....	16	235
Mouth of Grand River.....	26	261
Lexington.....	50	311
Blayton.....	13	329
Fort Osage.....	13	342
Liberty.....	13	360
Mouth of Kansas River.....	15	375
Mouth of Little Platte R.....	12	387
FORT LEAVENWORTH.....	33	425
Rialto.....	3	428
Weston.....	7	435
St. Joseph.....	15	450
Fort Pierre.....	1010	1460
Mouth of Yellow Stone.....	403	1863

NEBRASKA TERRITORY.

THE great wilderness tract of Nebraska, from which several new States will be formed, before many of the present years of progress shall have gone by, lies west of Missouri, Iowa and Minnesota, with British America on the north, Kansas on the south, and Utah, Oregon, and Washington territories on the west.

Very much of this but yet half explored territory is occupied, as are the States directly east, with high prairie land.

The Rocky Mountains lift their heads, the bravest in all the land, on the western borders of Nebraska. Here is the grandest of all this mighty chain—Fremont's Peak, 13,570 feet in height, and Long Peak (near the south-western extremity of the territory) with an elevation of 12,000 feet.

The Rocky Mountains extend from near Fort Webster, New Mexico, in latitude 30° 30' north, to the Polar Seas. With the Andes of South America they form the longest mountain chains in the world. The principal summits in the United States are Fremont's Peak, and Long Peak, already mentioned, and

The Mauvais Terres—Hunting Grounds.

Pike's Peak, 11,497. In British America, Mount Brown is 16,000 feet above the level of the sea, and Mount Hooker, 15,960 feet. The general height of the chain is said to vary from 10,000 to 16,000 feet.

Despite the grand altitude of this vast chain, the ascent is so gentle as at some points to be scarcely perceptible. Among the routes over the mountains which have been explored by Col. Fremont and other bold adventurers, the most famous and most used is the celebrated South Pass. It is by this highway that the overland journey to the Pacific is at present oftenest made. Various routes are urged for the proposed railway from the Mississippi to the Pacific, though which will be ultimately chosen, or when the road will be built, it is not very easy to say. As a sign of the "good time coming," Congress, last winter, made provision for the construction of a wagon road across the wilderness.

The Mauvais Terres is the name given to a singular tract about 90 miles long and 80 broad, lying near the headwaters of the lower White-Earth river, between the Missouri and Fort Laramie. The region is sterile, bearing only a very scanty growth of thin grass. It has been thus graphically described: "From the uniform mountainous and open prairies, the traveller suddenly descends 100 or 200 feet into a valley that looks as if it had sunk away from the surrounding world, leaving standing all over it thousands of abrupt, irregular, prismatic and columnar masses, frequently capped with eccentric pyramids, and stretching up to a height of 100 to 200 or more feet. So thickly are these natural towers studded over this extraordinary region, that the traveller threads his way through deep, confined labyrinthine passages, not unlike the narrow, irregular streets and lanes of some quaint old town of the European continent. One might almost imagine oneself approaching some magnificent city of the dead, where the labor and genius of forgotten nations had left behind them the monuments of their art and skill."

Hunting Grounds. Nebraska is yet covered with the hunting grounds of the savage. The buffalo roams over the plains in vast herds, though in a little while they will be seen there no more. The grisly bear, the panther, the antelope and the Rocky Mountain goat invite the sportman's toil. The beaver and the otter also abound, with wild-wood denizens of many other names. "The wildest scenes to be witnessed in this hemisphere," says Mr. Webber,* "are those connected with buffalo hunting on the great plains. There is no object in nature so terrible as the headlong advance of a great herd of these animals thoroughly aroused by terror. Niagara itself is not more tremendously resistless than that black, bellowing torrent which is thus sometimes poured through narrow defiles of the Rocky Mountain steppes, or which is suddenly turned loose like a new roaring flood, to overwhelm the slant and trembling plains.

"No sights equalling this are witnessed elsewhere on the face of the earth, though South Africa exhibits an approximation in the migratory movements of the springbok and other antelopes. A herd of elephant bulls may be, and is properly esteemed 'prodigious' by English adventurers in that direction, but the oceanic masses in which the native bison of our plains are accustomed to move, have no parallel except that in which our people urge and act towards a given point of empire.

"When we come to think that at a rough estimate, more than 70,000 souls of our native tribes upon the plains depend, the year round, solely upon the slaughter of buffalo for food, covering, and in a great measure, implements, and then put this, together with the consideration that probably not more than one out of twenty of the animals slain is consumed, beyond the mere hide or hump, by these thriftless and wasteful people, some estimate may be formed of the aggregate increase ne-

* "Romance of Natural History, or Wild Scenes and Wild Hunters."

Hunting Grounds—The Buffalo.

cessary to keep up a supply for the demand in this one quarter.

"The inroads of our own race upon them, though great, are as yet comparatively insignificant. We are merely guided by the utilities, and have slaughtered them rather as objects of necessary food, than of commercial interchange and profit. The wealth and dignity of the Indian warrior, on the other hand, is nearly proportioned to the number of buffalo robes he can afford to dispose of to the traders, and therefore this article is to him the representative of value. Hence he follows upon the track of the migratory herd, and when undisturbed, continues to slay them with the sole and improvident reference to the value of the skins at the nearest trading post; while the object of food, amidst its reeking abundance, is merely an incidental one. As it may chance, he merely cuts out some titbit from the individual slain, or leaves it, after stripping the skin, to the wolves who follow faithfully in the wake of their sure purveyor.

"The extent to which this reckless massacre is, and has been habitually carried by the prairie Indians, can hardly be computed; yet we have the strange and significant fact that they have among them no tradition even of an appreciable diminution in the numbers of the buffalo thus wantonly slaughtered by them from remotest periods, which ante-date the first appearance of the white man upon their plains with his sulphurous and panic-spreading engines of destruction. From this ominous event the tribes date those fatal refluxes in the stated periods and courses of migration of the herds, which have been attended by most disastrous famines among their people. Before their hated coming, they and their fathers had been accustomed to calculate, with the same certainty with which the sailor does the ebb and flow of ocean tides, these annual migrations, and could move with or follow them at leisure and with confidence; but suddenly the mighty herds have snuffed some hidden danger on the tainted breeze, and breaking away in mad and

scattered career over the plains, have defied pursuit, to gather again in some remote and unaccustomed pastures beyond the reach of this vague, indefinite dread which has met them on the coming air.

"Thus all calculations for the usual supply of the seasons having been thrown entirely out, the tribes are left to struggle with the precarious chances of again finding the buffalo. They, too, have been accustomed heretofore to watching the signs of the seasons, and could even scent a drought as far as the grayest muzzle of the leaders of these herds, and could, with unfailing sagacity, foresee what variation from the usual trail this would cause with them. But now a new sign was in the heavens, a prognostic of evil, which, as it could only be felt in dread by their savage souls, was now first more nearly interpreted by the sure instincts of their brute co-occupants of these great solitudes, and in their wild panics, so strangely unaccountable to them at first, they soon learned to recognize a mysterious apprehension of the remote advance of that destroying Power, the realization of which has now, though later, come to them more clearly. The brute sense proved surer than the man's in this, as in all other instances in which circumstances have enabled us to measure its actions and their results in regard to the approaches of our race into the wildernesses of earth with the fearful appliances of civilization. The shudder of approaching dissolution has already passed through all those vast herds, as well as felt in the awed souls of these savage hunters."

Of the many ways of hunting the buffalo in vogue among the Indian tribes, perhaps the wildest and most terrible is that of driving the infuriated herd over the edge of one of the strange and sudden chasms on the great plain of which we have already spoken, "where the panic-stricken masses bound from rough point to point—down—down—their great bodies piled in a huge hecatomb of blackened, writhing, sweltering slaughter."

Of the method of hunting the buffalo,

Rivers and Settlements.

known as the "Prairie Surround," Mr. Webber says, "The widely scattered line of the Surround, enclosing some valley containing a herd, is rapidly closed up by the yelling warriors composing it, who drive the frightened animals from its circumference, urging towards a centre, where, precipitated in the headlong crush upon each other, the helpless mass sways, bellowing—while, amidst the dust-clouds of their collision, the forms of the warriors, who have leaped from their horses upon the backs of the buffaloes, may be dimly seen treading the horned tumult with fierce gestures, and wielding the long lance as a rope-dancer does his balance-pole, with the slight difference, that with nearly every step, they thrust its sharp point down through joint and marrow, between the spine and skull of some new victim, whose shaggy back they have but pressed in passing with their moccasined feet. Thousands are thus slaughtered in a few moments.

"This scene, as weird and wild as it is real, tames, by contrast, all midnight phantasmagoria beneath the blaze of noon-tide."

The **Missouri River** traverses the entire territory of Nebraska, rising at its north-west extremity, among the declivities of the Rocky Mountains. It is in the higher region that the traveller will find those wonderful natural scenes, the Great Falls of the Missouri, and the Gates of the Rocky Mountains—a wild ravine, passed by the same waters. See Missouri River for mention of these marvels of Nebraska.

The **Yellowstone**, a river of Nebraska, flows 1,000 miles, into the Missouri.

The **Platte**, or **Nebraska River**, from which the country is named, flows for nearly 1,200 miles eastward, through the south part of the territory.

On these, and many other great waters of Nebraska, there are many landscape marvels, of which the world has not yet been told.

The public interest in this region, in connection with the neighboring territory of Kansas, has been extraordinarily awakened recently, by the incidents which

have followed (more particularly in Kansas) the rival struggles of the free population of the North, and the slave States of the South, to possess the land, which the repeal of the Missouri Compromise Act threw open to the most valiant. For further mention of this history, see Kansas, to which region it more especially belongs.

Emigration is turning in a swift current towards Nebraska; and, since the organization of the country (in May, 1854) into a distinct territorial government, flocks of settlers have bent their adventurous way thither; and towns and villages are growing up apace. A newspaper correspondent writing, January 8th, 1857, from Omaha City, the capital of the Territory, says—

"The library association here is being entertained weekly by lectures. Last night, J. Sterling Morton, of the Nebraska City News, lectured upon "Young America." Next Wednesday night, B. P. Rankin, Esq., United States Marshal for this district, lectures upon Nauvoo. The lecture-room is generally well attended by intelligent audiences.

"The weather is moderating a little. Board here is from eight to ten dollars per week, and ordinary at that. About every bed in town is full. Liquor is constantly going down the throats of members (of the legislature) and outsiders, but in this respect Omaha is not so bad by far as preceding winters."

This is Young Nebraska—a few years ago the home only of savage tribes. Yet a few more years, and it will be Old Nebraska, sending its grave and reverend senators to Washington.

Omaha, the capital of the Territory, is upon the Missouri River, opposite Council Bluffs City. Bellevue is upon the Nebraska, 6 miles above its mouth. Fort Calhoun is 18 miles north of Omaha. Florence is 6 miles north of Omaha. La Platte is on the Missouri, 14 miles below the Capital. Plattsmouth is the first town south of the mouth of the Nebraska. Still farther south, and along the banks of the Missouri, are Bluff Rock, Kenosha, Nebraska City,

General Mention.

Kearney City, and Brownsville; north of the Nebraska, and beyond the places which we have already mentioned, are De Soto, Tekama, and Black Bird.

The chief interior settlements are Archer and Pawneeville, upon affluents of the Great Nehama Saline, on the Big Blue River; Magaretta, near the south bend of the Nebraska; Iron Bluffs, Elkhorn City, Fontenelle, and Catharine, on Elkhorn River; Pawnee, on Loup Fork; Manitou, and Hauton in the county north of the Nebraska River.

The population of Nebraska, exclusive of Indians, approached 6,000, in May, 1854.

Routes. The best route to Nebraska, at present, is from St. Louis, by the Missouri River. See St. Louis, for route thither from the Atlantic cities; and see Kansas, for route, and table of places and distances from St. Louis to Fort Leavenworth.

From St. Louis to Omaha (opposite Council Bluff) on Missouri River, by Steamboat.

To Fort Leavenworth, as in }	
Route to Kansas from St. Louis, see Kansas }	..... 425
Weston.....	9 434
St. Joseph.....	60 494
Nodaway River.....	14 503
Wolf River.....	16 524
Great Nemahaw River.....	18 542
Nishnebotna River.....	25 567
Little Nemshaw River.....	12 579
Fair Sun Island.....	16 595
Lower Oven Island.....	12 607
Upper Oven Island.....	4 611
Five Barrel Island.....	12 623
Platte River.....	15 633
Bellevue Trading-house.....	12 650
Omaha—opposite Council Bluff..	40 690

There is a route to Omaha City now in vogue from Burlington, on the Mississippi (see Burlington, Iowa) 31 miles, by railway, to Mount Pleasant, Iowa; and thence across by stages to Council Bluff and Omaha, on the Missouri. Railway lines are in course of construction over this course.

UTAH TERRITORY.

UTAH was formerly a portion of Upper California, ceded to the United States in 1848 by the treaty with Mexico. Oregon lies upon the northern boundary, the Indian Territory and New Mexico on the east, New Mexico on the south, and California on the west. The extent of the territory of Utah from east to west is about 700 miles, and from north to south 347 miles.

It is a country of elevated, sterile table-lands, divided in unequal parts by the Sierra Madre Mountains. The Great Basin, or Fremont's Basin, as it is otherwise called, extends over the western part, 500 miles from east to west, and 350 from north to south. This vast tract lies at an elevation of nearly 5,000 feet above the sea. Some portion of it is covered by a yielding mass, composed of sand, salt and clay, and others with a crust of alkaline and saline substance. Great hills surround it on all sides, and detached groups cross its whole area. Near the centre it is traversed by the Humbolt River Mountains, which rise from 5,000 to 7,000 feet above the adjacent country. There are other great valley stretches in Utah, more sterile even than the Great Basin, as that lying between the Rocky and the Wahsatch Mountains. Only a small portion of this wide region can be turned to account in agricultural uses. The little fertile land it possesses, is that which skirts the streams and narrow tracts at the base of the mountain ranges. The most productive portion is that probably of the valleys extending north and south, west of the Wahsatch Mountains, and which is occupied by the Mormon settlements.

The Climate of Utah is said to resemble that of the great Tartar plains of Asia, the days in summer time being exceedingly hot and the nights cool. The winters are mild, and but little accompanied with snow. The tempera-

Natural Wonders—Settlements—The Mormons.

ture is liable to great and quick transitions from the changing currents of the winds.

The Great Salt Lake is perhaps the most remarkable of all the many natural wonders of these rude and desolate wilds. This singular body of water lies north-east of the centre of the territory. It is some 70 miles long and 30 wide. It is so highly impregnated with salt, that no life is found in it, and a thick saline incrustation is deposited upon its banks by evaporation in hot weather; and yet all its tributary waters are fresh. In some of its features, as in the wild and weird aspect of much of the surrounding scenery, it has been compared to the Dead Sea of Palestine.

Utah Lake is a body of fresh water some 35 miles in length. It lies south of the Great Salt Lake, to which it is tributary, by the channel of the connecting river called the Jordan. Like its saline neighbor, the Utah lake is elevated about 450 feet above the level of the sea. It is abundantly supplied with fine trout and other fish.

The Pyramid Lake lies on the slope of the Sierra Nevada Mountains, 700 feet yet above the Great Salt Lake. It is enclosed every where by giant rocky precipices, which rise vertically to the sublime height of 3,000 feet. From the bosom of the translucent waters of this wonderful lake, there springs a strange pyramidal rock 600 feet in air.

In the interior of the territory there are other smaller ponds, as Nicollet Lake, near the centre, and 70 miles yet southward, Lake Ashley. Mud, Pyramid, Walker's and Carson's Lakes are near the eastern base of the Sierra Nevada Mountains; Humbolt's Lake, formed by the waters of the Humbolt river, is about 50 miles east of Pyramid Lake.

The Boiling Springs is a scene of curious interest. The principal basin is described by Col. Fremont as having a circumference of several hundred feet, with a circular space at one extremity 45 feet in circuit, filled with boiling water. The temperature near the edge was found to be 206°.

Canons. Near Brown's Hole, in the vicinity of Green River, there are many of those singular ravines of the Great West, known as Canons. They are sudden depressions in the surface of the earth, sometimes of a vertical depth of 1,500 feet. Nothing can be more surprising and more grand than the pictures presented in these strange passages; the effect, too, is always heightened by the unexpected manner in which the traveller comes upon them, as no previous intimation is afforded by the topography of the land, of their proximity.

Utah is famous as the home of the Mormons. This extraordinary people pitched their tents here in 1847, after they were driven out of Illinois and Missouri. They are the sole occupants of the region, excepting the native Indian tribes. They seem to be a prosperous and increasing community; for an enumeration of their numbers made in 1853, exhibits a population of over 18,000, exclusive of the Indians. Since then great accessions have been made, and new settlers are daily wending their way thither from all quarters of the world.

The chief town of Utah is **Great Salt Lake City**, on the shores of its strange namesake waters. The population here is perhaps 12,000 or 14,000. A magnificent temple is to be erected for the celebration of the rites of the Mormon worship.

Besides Salt Lake City, the other principal settlements are Brownsville, Provo, Ogden, Manti and Fillmore cities and Parovan.

Fillmore City is the capital of the territory. It is situated on the Nuquin, a branch of the Nicollet river. It is 1,200 miles west of St. Louis, and 600 miles east by north of San Francisco.

Brownsville is on the east side of the Great Salt Lake.

Provo City is about 60 miles south-south-east of Salt Lake City.

Ogden City is 185 miles north of Fillmore City, the capital of the territory.

Physical Character—Settlements.

Manti is 40 miles east-south-east of the capital.

Parovan is 110 miles south-south-west of Fillmore City.

Utah will no doubt soon seek admission into the Union as a State, and then will come under particular and univer-

sal consideration the institution of Polygamy, by the assertion and practice of which as a religious and political tenet, the people are more especially distinguished from those of all other parts of the Republic.

TERRITORY OF NEW MEXICO.

NEW MEXICO is a portion of the territory ceded to the United States by the treaty with Mexico, of 1848 and of 1854. It is 750 miles in extent, from east to west, and 470 from north to south. On its upper boundary lie Kansas and Utah; on the east, Kansas and the Indian Territory; on the south, Texas and Mexico; and on the west, California.

Like the adjacent country, it is a region of high table-lands, crossed by mountain ranges, and barren to the last degree.

In the eastern part of this Territory are the valleys of the Rio Grande and its tributary waters, skirting the base of various chains of the Rocky Mountains; as the Sierra Madre range, the Jumanes and the Del Cabello. Mount Taylor, among the Sierra Madre, is said to rise 10,000 feet above the valley of the Rio Grande, which is itself a table-land of many thousand feet elevation.

Valuable mineral deposits exist in New Mexico—gold, silver, and other metals—though the resources of the mines have not yet been very much developed.

New Mexico is full of wonderful natural curiosities and beauties, though but a few of its many surprising scenes have been yet explored. Immense cañons exist among the mountains of the Sierra Nevada; deep ravines, where rivers flow in darkness hundreds of feet down, below the surface of the valleys. Red and white sandstone bluffs, too, abound; grand and lofty perpendicular precipices of rocks, wearing every varying semblance of cliff-lodged castle and fortress.

Waterfalls of surprising beauty are scattered through the mountain fastnesses. The Cascade Grotto is described as a series of falls, which, coming from a mineral spring in the hills, leap from cliff to cliff, a thousand feet down to the Gila below. A wonderful cavern, in which are some curious petrifications, may be entered beneath the first of these cascades.

Two marvellous falls have been discovered in the Rio Virgen, one of which, 200 miles from its mouth, has a perpendicular descent of 1,000 feet.

The present inhabitants of New Mexico consist chiefly of domesticated nomad Indians, with a sprinkling of Mexicans and Americans. Emigration from the States has not yet turned much in this direction.

The chief towns are Santa Fé, with a population of about 5,000, La Cuesta, St. Miguel, Las Vegas, Zuni, and Tuck-elata.

Santa Fe is the capital of the Territory. It is situated on the Rio Chicito, or the Santa Fé River, 20 miles from its entrance into the Rio Grande. It is the great dépôt of the overland trade, which has been carried on for 30 or 40 years past with Missouri. The town is built on a plateau elevated 7,000 feet above the sea, and surrounded by snow-capped mountains, 5,000 feet yet higher. The people are but a miserable set, and their home recommends itself to the stranger scarcely more than they do themselves. The houses here, as elsewhere in the region, are built of dark adobes or unburnt bricks. Each build-

Routes to New Mexico—Character of the Indian Territory.

ing usually forms a square, in the interior of which is a court, upon which all the apartments open. The only entrance is made of sufficient size to admit animals with their burdens.

Route from Independence City, in Missouri, to Santa Fé.

	Miles. Agg.
From Independence City, in Missouri, to the Kansas Boundary	22
Lone Elm.....	7 29
Round Grove.....	6 35
The Narrows.....	30 65
Black Jack.....	3 68
One-hundred-and-ten-mile Creek.	32 100
Switzler's Creek.....	9 109
Dragoon Creek.....	5 114
Several creeks are then crossed, after which	
Big John Spring.....	34 148
Council Grove.....	1 149
Kaw Village and Placeto, in Council Grove	1 150
Sylvan Camp, in Council Grove..	2 152
Willow Spring.....	6 158
Diamond Spring.....	13 171
Lost Spring.....	16 187
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Mud Creek.....	19 247
Little Arkansas.....	3 250
Cow Creek.....	20 270

From Plum Buttes.....	14 284
Great Bend of the Arkansas.....	2 286
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Willow Bar.....	23 543
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Cold Springs.....	6 566
McNees' Creek.....	26 592
Rabbit-ear.....	19 611
Round Mound.....	8 619
Rock Creek.....	13 632
Point of Rocks.....	17 649
Rio Colorado.....	20 669
Ocate.....	7 676
Wagon Mound.....	19 695
Santa Clara Spring.....	2 697
Fort Barclay on Rio Mora.....	22 719
Los Vegas, on Rio Gallinas.....	19 733
Natural Gate.....	6 744
Ojo de Bernal.....	11 755
San Miguel.....	8 763
Pecos Ruins.....	26 787
Santa Fé.....	25 812

INDIAN TERRITORY.

THE Indian Territory is a portion of the wilderness beyond the Mississippi, which has been set apart as a permanent abode for the Indian tribes. It is about 450. miles long, and from 35 to 240 miles in width. The Territory of Kansas lies upon the north of this tract, Arkansas on the east, Texas on the south, and New Mexico and Texas on the west.

In the north-western portion of the Indian Territory are the vast sandy, barren lands, known as the Great American Desert. Excepting this desolate region, the country is occupied by undulating plains and prairies, broken on the east by the mountain ridges, called the Ozark or Washita, which come in from Arkansas.

The Choctaws, the Chickasaws, the Cherokees, the Creeks, the Senecas, the Seminoles, and the Shawnees dwell in the east; while the central and western districts are occupied by the Camanches, the Osages, the Pawnees, the Kioways, the Arrapahoes, and other tribes. The country is, besides, thickly inhabited by buffaloes, wild horses, antelopes, deer, prairie-dogs, and wild animals and wild birds of many names. Kansas and Nebraska were included in the Indian Territory until 1854.

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* * The traveller is respectfully solicited to make notes of all errors and omissions which he may discover in this work, and of any new facts of interest,—and to send such memoranda to the Author, care of the Publishers.

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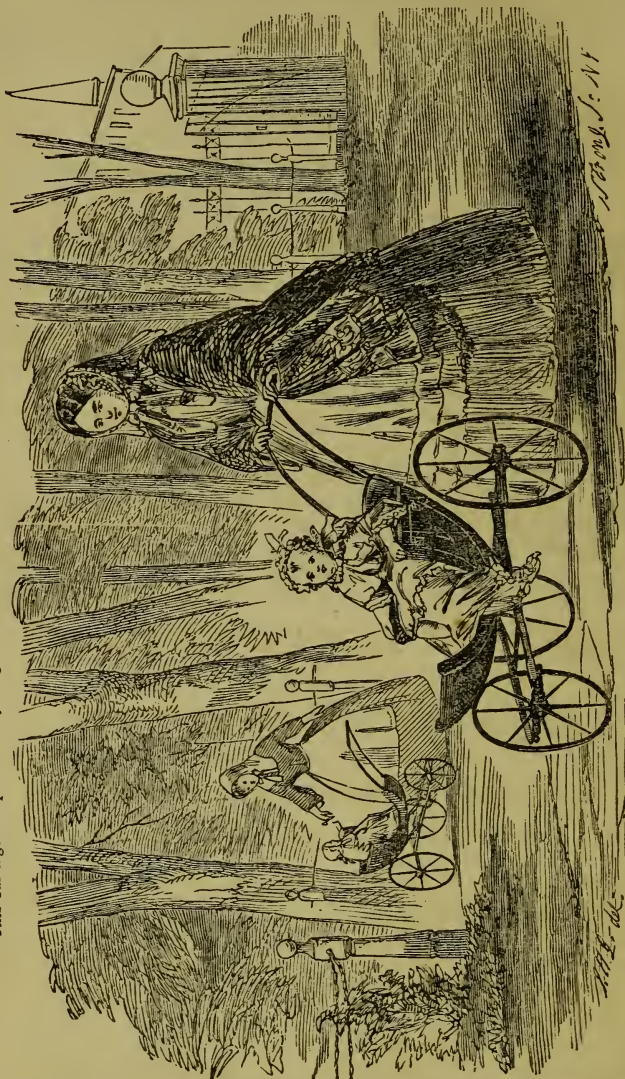
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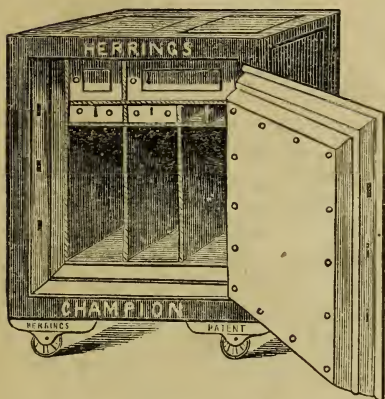
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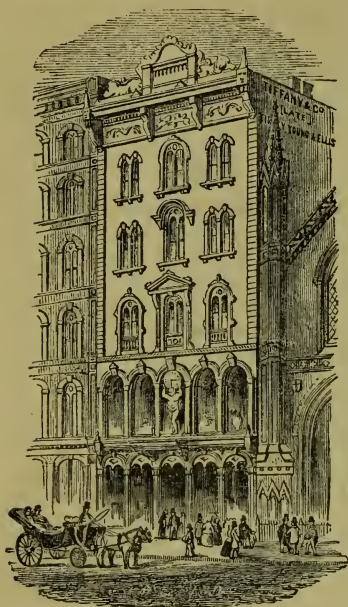
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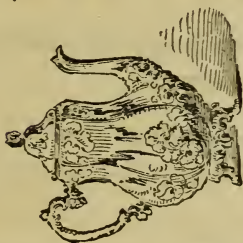
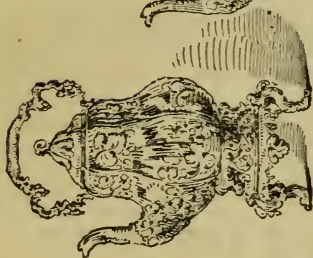
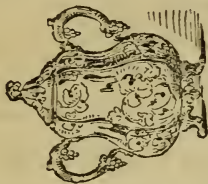
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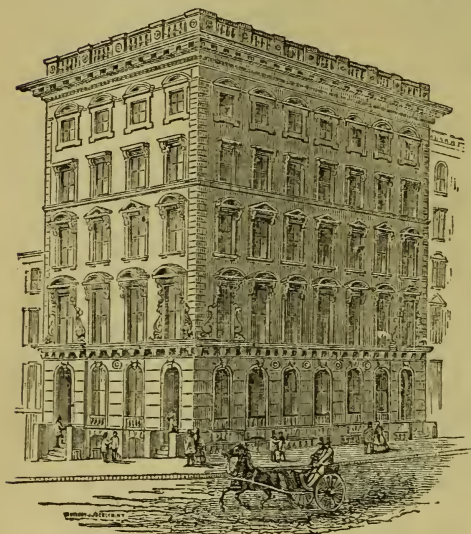
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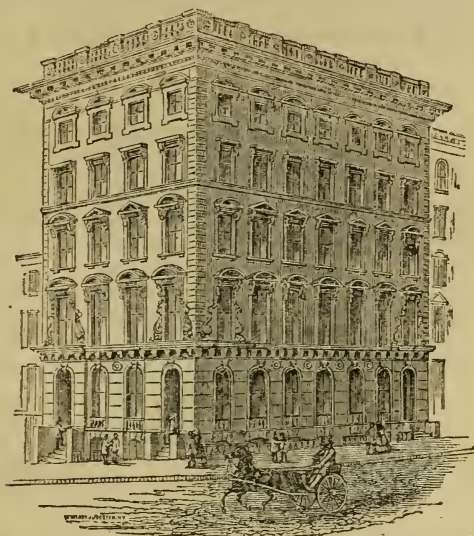
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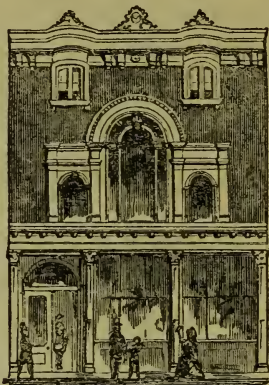
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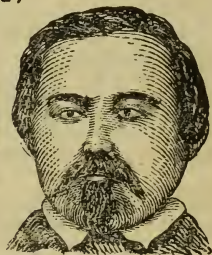
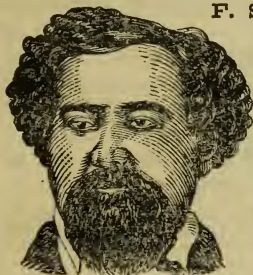
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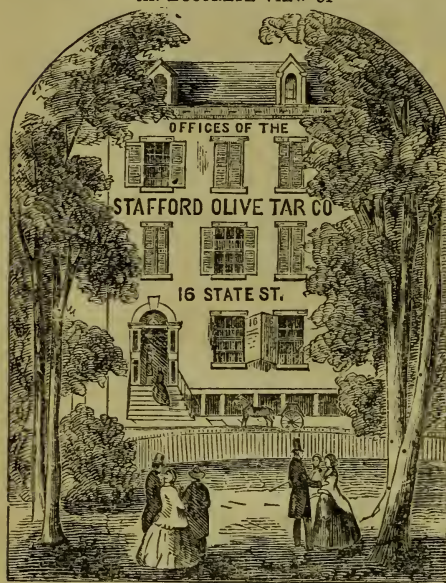
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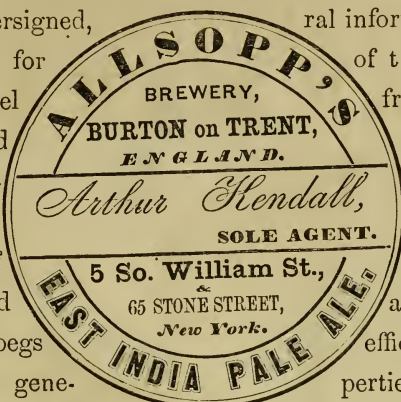


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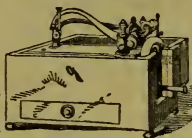
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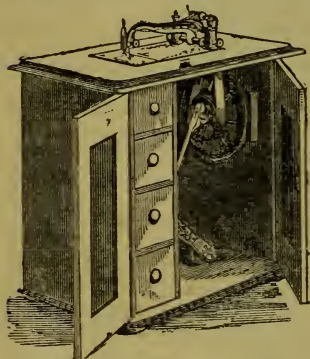
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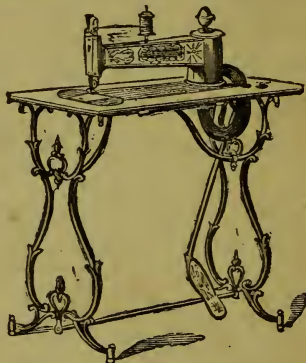
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